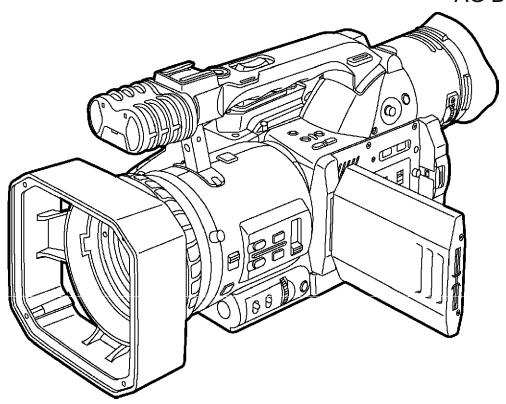
Service Manual

Digital Video Camera Recorder



AG-DVX100P



⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Specifications

[GENERAL]

Supply voltage: DC 7.2/7.9 V

Power consumption:

6.8 W (when viewfinder is used) 7.8 W (when LCD monitor is used)

9.2 W (max.)

indicates safety information.

Ambient operating temperature

32°F to +104°F (0°C to +40°C)

Ambient operating humidity

10% to 85% (no condensation)

Weight

3.652 lb (1.66 kg)

(excluding battery and accessories)

Dimensions (W \times H \times D)

5 1/2×6 5/16×14 3/8 inches

 $(139 \times 160 \times 364 \text{ mm})$

Recording format

Digital video SD format

Tape format

Mini DV

Recorded video signals

525i (NTSC)

In the progressive mode, the signals are converted into the 525i system and recorded.

Shooting mode

60i (525i)

Progressive mode (30P, 24P or 24P

advance)

Recorded audio signals

PCM digital recording

16 bits: 48 kHz/2 channels 12 bits: 32 kHz/4 channels

Recording tracks

Digital video, audio signals:

helical track

Time code:

helical track (sub-code area)

Tape speed

SP mode: 18.812 mm/sec. LP mode: 12.555 mm/sec.

Recording time (when AY-DVM60 is used)

SP mode: 60 minutes LP mode: 90 minutes

Tape used

6.35 mm wide metal tape

FF/RFW/ time

Pick-up device

Interline transfer 1/3-inch CCD image senser

Number of pixels

Total number of pixels: 410,000, Number of effective pixels: 380,000

(pixel offset system)

Lens

Leica DICOMAR optical image stabilizer lens, motorized/manual mode switching, 10× zoom

F1.6 (f = 4.5 to 45 mm)

(35 mm equivalent: 32.5 to 325 mm)

Optical system

Prism system

ND filters

1/8, 1/64

Gain

0, +3, +6, +9, +12, +18 dB (60i mode only)

Shutter speeds

Preset

60i mode:

1/60 (OFF), 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000 sec.

30P mode:

1/30, 1/50 (OFF), 1/60, 1/120, 1/250, 1/500, 1/1000 sec.

24P, 24P (ADV) mode:

1/24, 1/50 (OFF), 1/60, 1/120, 1/250, 1/500, 1/1000 sec.

Synchro scan

60i mode:

1/60.3 to 1/250.0 sec.

30P mode:

1/30.1 to 1/250.0 sec.

24P, 24P (ADV) mode:

1/24.1 to 1/250.0 sec.

Minimum subject illuminance

3 lux (F1.6, 18 dB gain, 50 IRE video output)

Lens hood

Large-sized lens hood with wide angle of view

Filter diameter

72 mm

LCD monitor

3.5-inch LCD color monitor, 200,000 pixels

Viewfinder

0.44-inch LCD color viewfinder, 180,000

pixels

Internal microphone

Stereo microphone

FF/REW time

Approx. 85 sec. (when AY-DVM60 is used)

[VIDEO]

Sampling frequency

Y: 13.5 MHz, PB/PR: 3.375 MHz

Quantizing

8 bits

Video compression system

DCT + variable length code

Error correction

Reed-Solomon product code

[AUDIO]

Sampling frequency

48 kHz/32 kHz

Quantizing

16 bits/12 bits

Frequency response

20 Hz to 20 kHz

Wow & flutter

Below measurable limits

[CONNECTORS]

VIDEO IN/OUT (input/output automatically switched)

Pin jack, analog composite input/output, 1.0 V [p-p], 75 Ω

S-VIDEO IN/OUT (input/output automatically switched)

S-connector, Y/C separate signal input/output, Y: 1.0 V [p-p], C: 0.286 V [p-p], 75 Ω

AUDIO IN/OUT (input/output automatically switched)

Pin jacks $\times 2$ (CH1, CH2) Input: 316 mV, high impedance Output: 316 mV, 600 Ω

DV

4-pin, digital input/output, IEEE 1394 standard complied with

INPUT 1, INPUT 2

XLR (3 pins) ×2 (CH1, CH2)

LINE/MIC switching, high impedance

LINE: 0 dBu

MIC: -50 dBu/-60 dBu (menu selection)

DC INPUT

7 a V

Internal speaker

20 mm diameter

[AC ADAPTER]

Power Source:

110/120/220/240 V AC, 50/60 Hz

Power Consumption:

18 W

indicates safety information.

Weight

0.35 lb (0.16 kg)

Dimensions (W \times H \times D)

2 $^{13/16}\times1$ $^{13/16}\times4$ $^{5/8}$ inches $(70\times44.5\times116$ mm)

[OPTIONAL ACCESSORIES]

Wide conversion lens

AG-I W7208G

16:9 conversion lens

AG-LA7200G

XLR microphone

AG-MC100G

Hard carrying case

AG-HT100G

Soft carrying case

AG-SC100G

Battery

CGR-D08 (800 mAh)

CGR-D16 (1600 mAh: product equivalent to

battery supplied)

CGP-D28 (2800 mAh)

AC adapter kit

AG-B15 (product equivalent to AC cable, DC cable and AC adapter supplied)

Cleaning tape

AY-DVMCL

7.9 V

PHONES

Stereo (3.5 mm diameter), 77 mV, 32 Ω

CAM REMOTE

Mini jack (2.5 mm diameter)

Weight and dimensions shown are approximate. Specifications are subject to change without notice.

SAFETY PRECAUTIONS

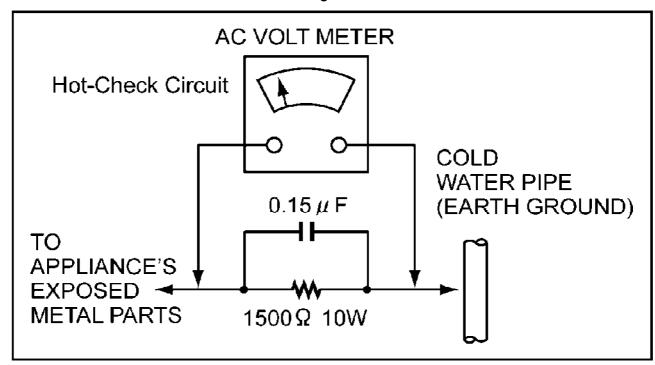
GENERAL GUIDELINES

- 1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been over-heated or damaged by the short circuit.
- 2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
- 3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

- 1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. The resistance value must be more than 5M Ω .

Figure1



LEAKAGE CURRENT HOT CHECK (See Figure 1)

- Plug the AC cord directly into the AC outlet.
 Do not use an isolation transformer for this check.
- 2. Connect a 1.5k Ω , 10W resistor, in parallel with a 0.15 μ F capacitor, between each exposed metallic part on the set an a good earth ground such as a water pipe, as shown in Figure 1.
- 3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- 4. Check each exposed metallic part, and measure the voltage at each point.
- 5. Reverses the AC plug in the AC outlet repeat each of the above measurements.
- 6. The potential at any point should not exceed 0.15 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 0.1 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and checked before it is returned to the customer.

ABOUT LEAD FREE SOLDER (PbF)

Distinction of Pbf PCB:

PCBs (manufactured) using lead free solder will have a PbF stamp on the PCB.

Caution:

- 1. Pb free solder has a higher melting point than standard solder; Typically the melting point is 50-70°F (30-40°C) higher. Please use a high temperature soldering iron. In case of the soldering iron with temperature control, please set it to 700±20°F (370±10°C).
- 2. Pb free solder will tend to splash when heated too high (about 1100°F /600°C).

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ED) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-

equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.

Alternatively, obtain and wear a commercially available discharging wrist trap device, which should be removed for potential shock reasons prior to applying power to the unit under test.

- 2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- 3. Use only a grounded tip soldering iron to solder or unsolder ES devices.
- 4. Use only an anti-static solder removal device classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
- 5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- 6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it.

 (most replacement ES devices are package with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
- 7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

 CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
- 8. Minimize bodily motions when handling unpacked replacement ES devices.

 (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

X-RADIATION

WARNING

- 1. The potential source of X-radiation in EVF sets is the High Voltage section and the picture tube.
- 2. When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing x-radiation.

Note:

It is important to use an accurate periodically calibrated high voltage meter.

3. Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV, 0.15kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an x-radiation possibility, it is essential to use the specified picture tube.

IMPORTANT

"Unauthorized recording of copyrighted television programs, video tapes and other materials may infringe the right of copyright owners and be contrary to copyright laws."



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (service) instructions in the literature accompanying the appliance.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, KEEP THIS **EQUIPMENT AWAY** FROM ALL LIQUIDS-USE AND STORE ONLY IN **LOCATIONS** WHICH ARE NOT **EXPOSED TO THE RISK OF DRIPPING** OR SPLASHING LIQUIDS, AND DO NOT PLACE ANY LIQUID CONTAINERS ON TOP OF THE EQUIPMENT.

CAUTION:

TO REDUCE THE RISK OF FIRE OR

CAUTION:

Do not install or place this unit in a bookcase, built-in cabinet or any other confined space in order to maintain adequate ventilation. Ensure that curtains and any other materials do not obstruct the ventilation to prevent risk of electric shock or fire hazard due to overheating.

FCC Note:

This device complies with Part 15 of the FCC Rules. To assure continued compliance follow the attached installation instructions and do not make any unauthorized modifications.

This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CAUTION:

Danger of explosion or fire if battery is mistreated.

- Replace only with same or specified type.
- Do not disassemble or dispose of in fire.
- Do not store in temperatures over 60°C.
- Use specified charger for rechargeable batteries.
- Do not recharge the battery if it is not a

SERVICE INFORMATION

CONTENTS

1.	SERVICING FIXTURES AND TOOLS	INF-1
	1-1. Summary Table of Servicing Fixtures and Tools	INF-1
2.	MAINTENANCE	INF-3
	2-1. Maintenance Chart	INF-3
	2-2. Mechanical Parts Location	INF-4
3.	MANUAL TAPE EJECT (EMERGENCY EJECT)	INF-5
4.	LITHIUM BATTERY	INF-6
	4-1. Replacement Procedure	INF-6
5.	DIAG MENU	INF-7
	5-1. Software Version Display	INF-7
	5-2. How to display the Error Rate.	INF-8
	5-3. Auto Off Log	INF-9
	5-4. Adjust Menu	INF-10
6.	CAMERA REMOTE	INF-11
	6-1. Record start / stop input	INF-11
	6-2. Zooming control input	INF-11
7.	CIRCUIT BOARD LAYOUT	INF-12

1. SERVICING FIXTURES AND TOOLS

The following servicing tools are required for mechanical and electrical servicing and alignment.

The items marked "**NEW**" in the following list are necessary for the AG-DVX100.

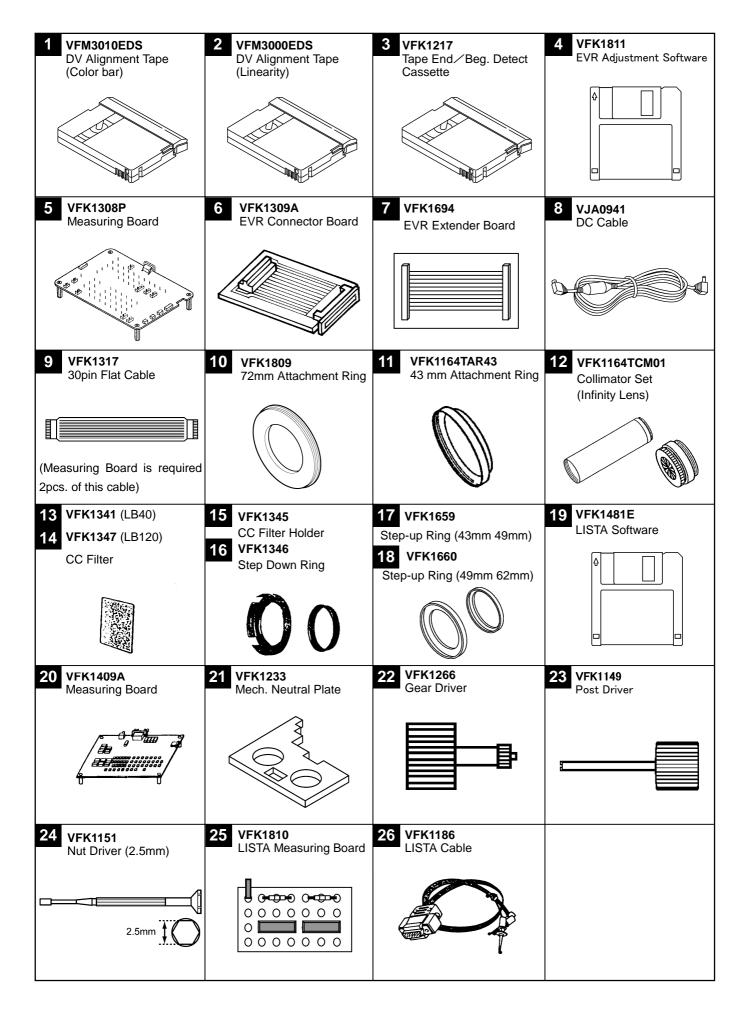
Please refer to "Y" in table below, these tools were also used for servicing the AG-DVC15.

1-1. Summary Table of Servicing Fixtures and Tools

No.	Parts No.	NAME	AG-DVC15	PURPOSE	REMARK
1	VFM3010EDS	DV Alignment Tape (Color bar)	Υ	Electrical Adjustment	
2	VFM3000EDS	DV Alignment Tape (Linearity)	Y	Tape Interchangeability Adjustment	
3	VFK1217	Tape End/Beg Detect Cassette	Υ	Sensor Sensitivity Adjustment	
4	VFK1811	EVR Adjustment Software	N	PC Electrical Adjustment System	NEW
5	VFK1308P	Measuring Board	Υ	Test point Board and PC I/F	
6	VFK1309A	EVR Connector Board	N	Connection for PC Adjustment	NEW (NOTE)
7	VFK1694	EVR Extender board	Υ	Connection for PC Adjustment	
8	VJA0941	DC Cable	Υ	Power Supply for Measuring Board	
9	VFK1317	30pin Flat Cable	Υ	Between Meas. & Con. Boards	
10	VFK1809	72mm Attachment Ring	N	Camera Adjustment	NEW
11	VFK1164TAR43	43mm Attachment Ring	Υ	Camera Adjustment	
12	VFK1164TCM01	Collimator Set (Infinity Lens)	Υ	Camera Adjustment	
13	VFK1341	CC Filter (LB40)	Υ	Camera Adjustment	
14	VFK1347	CC Filter (LB120)	Y	Camera Adjustment	
15	VFK1345	CC Filter Holder	Υ	Camera Adjustment	
16	VFK1346	Step Down Ring	Υ	Camera Adjustment	
17	VFK1659	Step-Up Ring(43mm-49mm)	Y	Camera Adjustment	
18	VFK1660	Step-Up Ring(49mm-62mm)	Y	Camera Adjustment	
19	VFK1481E	LISTA Software	Υ	LISTA Adjustment	
20	VFK1409A	Measuring Board	N	LISTA Adjustment	NEW (NOTE)
21	VFK1233	Mech. Neutral Plate	Y	Mechanical Maintenance	
22	VFK1266	Gear Driver	Υ	Mechanical Maintenance	
23	VFK1149	Post Driver	Υ	Tape Post Height Adjustment	
24	VFK1151	Nut Driver(2.5mm)	Y	Tape Post Height Adjustment	
25	VFK1810	LISTA Measuring Board	N	LISTA Adjustment	NEW
26	VFK1186	LISTA Cable	Υ	LISTA Adjustment	

NOTE:

- 1. If you already have VFK1309, if can be modified to VFK1309A. Please refer to explanation on section 4.
- 2. If you already have VFK1409S, if can be use to LISTA adjustment with VFK1810 instead of VFK1409A. How to install the VFK1810 to VFK1409S, please refer to explanation in section 3.



2. MAINTENANCE

Maintenance is done by periodically performing suitable maintenance servicing in order to maintain the functions always in the best condition, so that the user can use the equipment safely. Video equipment with mounted mechanisms uses wear parts, and their wear and deterioration causes troubles. Dust and dirt also can impair stable operation. For this reason it is important not to just perform repair at the time of trouble, but also to perform suitable maintenance at regular intervals.

2-1. Maintenance Chart

The following periodic maintenance is required to maintain AG-DVX100 in good condition

No.	Part Name	Part No.	Cleaning	Replacement	Remark
	Tape Transport Part		100 hours		*1
1	Cylinder Unit	VEG1573	100 hours	Every 1000 hours	
2	Pinch Arm Unit	VXL3161		Every 1000 hours	
3	Cleaning Arm Unit	VXL3103		Every 1000 hours	
4	Gear Box	VXA5417		Every 1000 hours	
5	REV Brake Unit	VXZ0323		Every 1000 hours	
6	FF Brake Unit	VXZ0322		Every 1000 hours	
7	S-Main Brake Unit	VXZ0321		Every 1000 hours	
8	T-Main Brake Unit	VXZ0319		Every 1000 hours	
9	Supply Reel Table	VXR0355		Every 1000 hours	
10	Take-up Reel Table	VXR0356		Every 1000 hours	
11	Made Cam SW Unit	VSR0114		Every 1000 hours	
12	Main Cam Gear	VXA5407		Every 1000 hours	
13	S1 Boat Unit	VXA5409		Every 1000 hours	
14	T1 Boat Unit	VXA5410		Every 1000 hours	
15	Tension Arm Unit	VXL2456		Every 1000 hours	
16	Pad Arm Unit	VXL2732		Every 1000 hours	
17	Mechanism Chassis Unit	VXY1738S		Every 3000 hours	*2

Note:

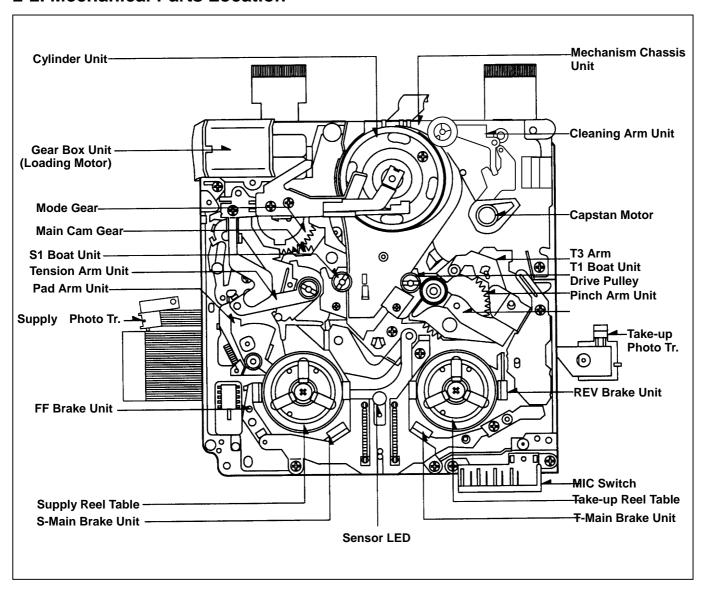
Using hours are based on the head rotation hours. (HOUR METER can be confirm on item HOUR METER in OTHER FUNCTION menu.)

Using hours are recommendation. It may depend on temperature, humidity, quality of tape or dust condition. Using hours are listed as the reference of maintenance. They do not mean guarantee hours.

^{*1} Tape transport parts mean following parts.
(Tension Post, S3 Post, S2 Post, S1Roller, Cylinder & Heads,T1 Roller, T2 Post, Capstan Shaft, Pinch Roller and T3 Post)

^{*2} Parts listed from No.1 to 16 are included in Mechanical Chassis Unit. Replacing the Mechanism Chassis Unit is recommended every 3000 hours.

2-2. Mechanical Parts Location



3. MANUAL TAPE EJECT (EMERGENCY EJECT)

When the tape cannot be ejected by normal operation because of trouble in the electrical system or mechanical system, the tape can be removed from the unit manually by using the following method.

- 1. Remove the Grip Cover Unit.
- 2. Supply 4.5 Volts using 3 AA batteries in series to unload the posts using the motor.
- 3. Stop supplying the power at unloading complete position.

NOTE: If supply the power continuously, the Cassette Up Unit be eject.

4. It has lifted a tape with the finger from the front as shown in the figure and it makes space, it confirms the position of a supply reel. It inserts stick as shown in the figure, it turns a supply reel to counterclockwise from the front and it rolls up a tape.

NOTE: Please use the one which doesn't damage the Supply Reel with the non-magnetism type.

5. Push the lock lever to arrow direction as shown in figure 3 to eject the Cassette Up Unit and remove the tape.

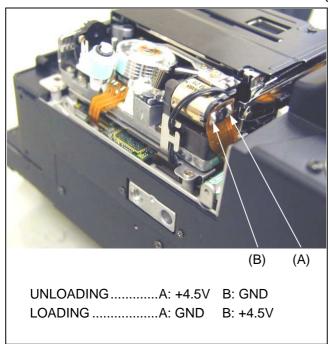


Figure 1

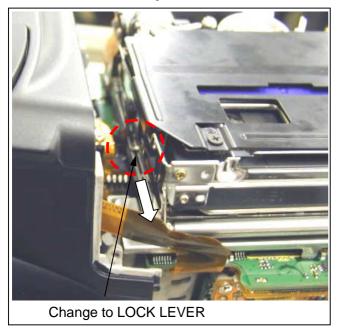


Figure 3

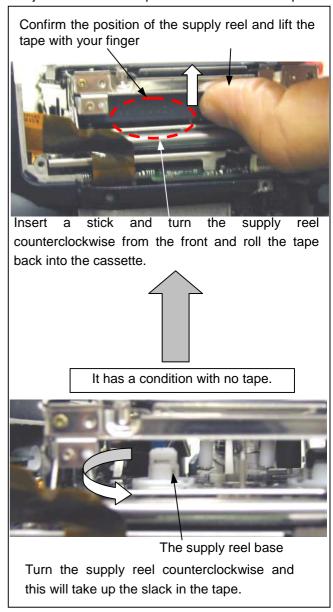
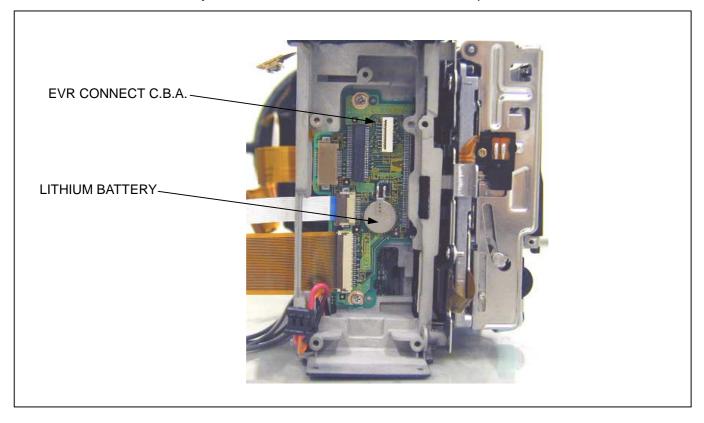


Figure 2

4. LITHIUM BATTERY

4-1. Replacement Procedure

- 1. Remove the EVR CONNECT C.B.A. (Refer to Disassembly Procedures).
- 2. Unsolder the Lithium battery "Ref No: B51/Part No: VSB0407" and then replace with the new one.



NOTE:

The lithium battery is a critical component.

It must never be subjected to excessive heat of discharge.

It must therefore only be fitted in equipment designed specifically for its use.

Replacement batteries must be of the same type and manufacture.

They must be fitted in the same manner and location as the original battery, with the correct polarity contacts observed.

Do not attempt to re-charge the old battery or re-use it for any other purpose.

It should be disposed of in waste products destined for burial rather than incineration.

CAUTION

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the equipment manufacturer.

Discard used batteries according to manufacture's instructions.

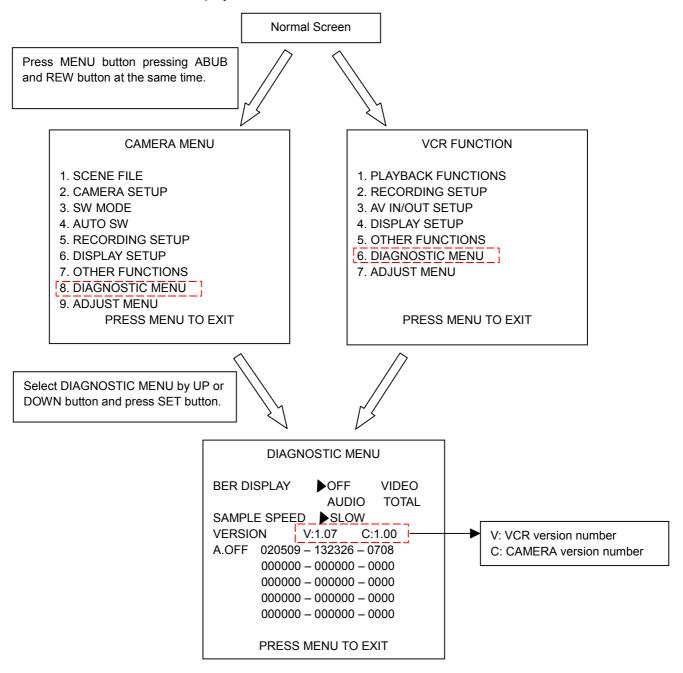
5. DIAG MENU

The DIAGNOSTIC menu is the menu to confirm the condition of the VCR and it is possible to do the confirmation of the error rate, software version and auto off log.

When pressing the MENU button while pressing the ADUB button and the REW button at the same time, DIAGNOSTIC menu can be displayed.

Next, the DIAGNOSTIC menu is open when selecting DIAGNOSTIC MENU in UP(▲:PLAY) or DOWN (▼:STOP) button and pressing the SET(STILL) button.

NOTE: Also ADJUST menu is displayed is VCR mode.



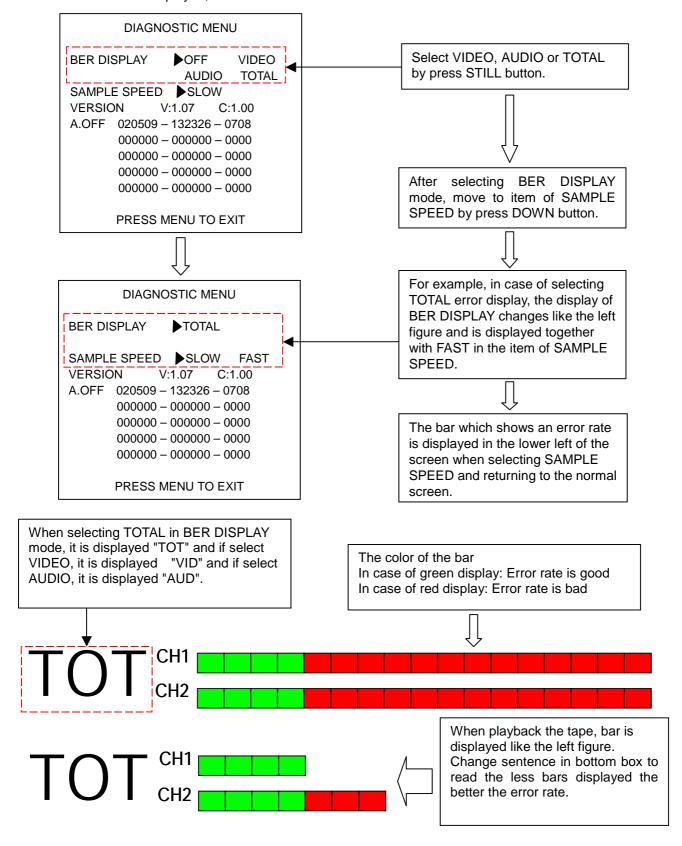
5-1. Software Version Display

Software version of VCR and CAMERA microprocessor is displayed



5-2. How to display the Error Rate.

The AG-DVX100 can be displayed Error Rate and it shows the playing condition of the VCR. In case of the error rate is displayed, BER DISPLAY and SAMPLE SPEED mode is select on DIAGNOSTIC menu.



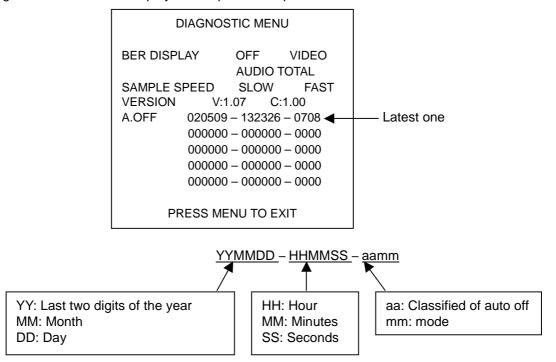
How to confirm the Error rate.

- 1. Select the TOTAL in item of BER DISPLAY.
- 2. Record the color bar signal on LP mode and playback the recorded portion. Confirm that the number of bar on display within 10 pieces.

5-3. Auto Off Log

The VCR can be displayed warning and auto off as alarm display. In case of the auto off occurred, the number and message are displayed in the normal screen. Contents of auto off can be confirm until previous 5 problem in diagnostic menu.

When auto off occurred, VCR is memorized date, time, classified of auto off and mode follow as below indicated format. Diagnostic menu can be displayed until previous 5 problem.



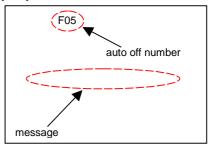
For example, in case of displayed "020209–132326–0708", Cylinder Lock occurred in normal playback mode at 13:23:26 on Feb. 9th in 2002.

Please refer to below indicated tables with classification of auto off and mode.

< aa: Classified of AUTO OFF >

aa	Super display	Contents
01	F51	FOCUS MOTOR LOCK
03	F53	PSD NG
04	F54	GYRO NG
07	F05	CYLINDER LOCK
08	F04	LOADING LOCK
09	F03	UNLOADING LOCK
0A	F01	T REEL LOCK
0B	F02	S REEL LOCK

(super position of number and message)



< mm : MODE >

mm	Contents	mm	Contents
01	EJECT	12	AUDIO DUB RECORDING
02	STOP 1	13	CAMERA RECORDING STANDBY
03	STOP 2	14	CAMERA RECORDING
04	FAST FORWARD	15	CAMERA SEARCH (FORWARD)
05	REWIND	16	CAMERA SEARCH (REVERSE)
06	RECORDING STANDBY	17	REC REVIEW
07	MORMAL RECORDING	18	CAMERA EJECT
08	NORMAL PLAYBACK	19	CAMERA STOP
09	REVERSE PLAYBACK	1D	CYLINDER OFF
0A	CUE (FAST PLAYBACK)	22	SEARCH (FORWARD)
0B	REVIEW (FAST PLAYBACK)	23	SEARCH (REVERSE)
0C	SLOW PLAYBACK	24	BLANK SEARCH
0D	REVERSE SLOW PLAYBACK	25	FRAME ADVANCE PLAYBACK
11	AUDIO DUB STANDBY	26	REVERSE FRAME ADVANCE PLAYBACK

5-4. Adjust Menu

Item	Set value Display	contents		
ATF GAIN		To confirm the ATF sensitivity, change the tape speed. By pressing SET button, enter the adjustment mode and then exit the menu once. It can be operated VTR operation that the menu mode is exited temporary. In this time, the screen is displayed as follow. NOW SERVO ADJUST PUSH MENU TO RETURN It will be returned to ADJUST MENU when the MENU key is pressed in this condition.		
LINEARITY		 To confirm the LINEARITY, change the ATF sensitivity. By pressing SET button, enter the adjustment mode and then exit the menu once. It can be operated VTR operation that the menu mode is exited temporary. In this time, the screen is displayed as follow. NOW SERVO ADJUST PUSH MENU TO RETURN It will be returned to ADJUST MENU when the MENU key is pressed in this condition. 		
Y LEVEL		It is adjusted the output of Y level.		
C LEVEL		It is adjusted the output of C level.		
DEFECT COMP	0 1 2 3	DEFECT COMP 0 1 2 3 Median filter ON ON OFF OFF Address defect compensation ON OFF ON OFF		
CAM DBG INF	OFF ON	It can be selected ON/OFF that the screen of camera debag information. Not displayed Displayed		
EEPROM VERSION		It is displayed the version of EEPROM on the VTR C.B.A		

6. CAMERA REMOTE

The control equipment is connected to CAMERA REMOTE jack to enable zooming and record start/stop to be initiated by remote control.

NOTE: CAMERA remote control is only effective CAMERA mode.

Please refer to below indicated specification, in case of external remote performed.

Equivalent circuit of CAM REMOTE jack

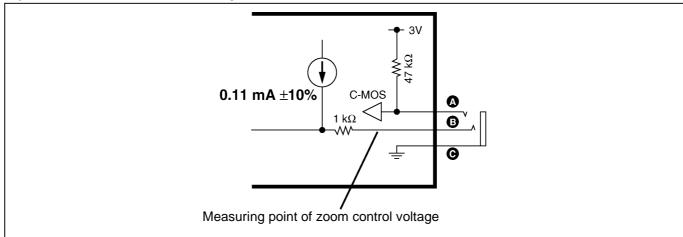


Figure A

Terminal (refer to figure A)	Contents
А	Record start/stop input
В	Zooming control input
C	GND

6-1. Record start / stop input

Every time it connects A terminal with the GND, it repeats recording and a recording stop.

6-2. Zooming control input

With the voltage to input to the B terminal, the zoom speed changes. As for the relation between the zoom control voltage and the zoom speed, it is as shown in the following.

Relation between the zoom control voltage and zoom speed

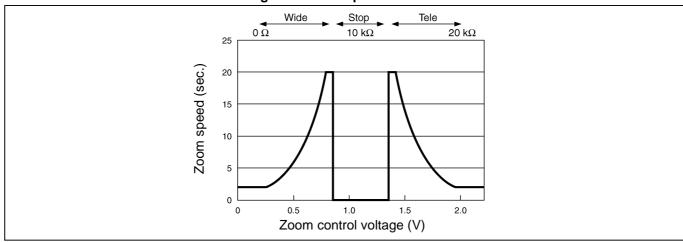
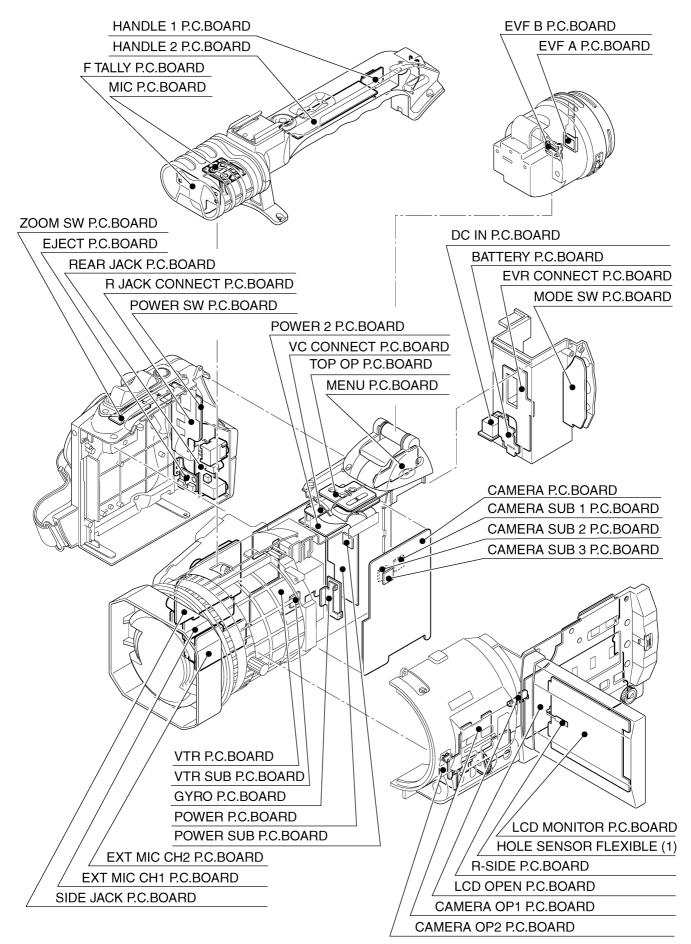


Figure B

7. CIRCUIT BOARD LAYOUT



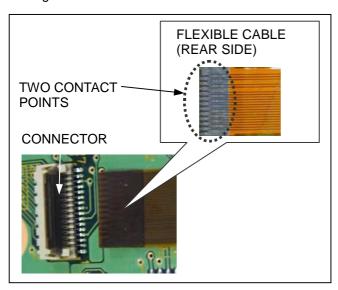
DISASSEMBLY PROCEDURES

CONTENTS

1.	Note when inserting Flexible Cable	DIS-1
2.	Removal of Top Panel Unit	DIS-1
3.	Removal of Grip Cover Unit	DIS-2
4.	Removal of Mechanism Unit	DIS-3
5.	Removal of VTR C.B.A.	DIS-4
6.	Removal of Handle Unit	DIS-3
7.	Removal of EVF Unit	DIS-4
8.	Removal of Side Case (R) Unit	DIS-4
9.	Removal of LCD Unit	DIS-5
10.	Removal of CAMERA C.B.A	DIS-6
11.	Removal of Lens Unit	DIS-6
12.	Removal of Back Panel Unit	DIS-6
13	Removal of EVR CONNECT C B A	DIS-7

1. Note when inserting Flexible Cable

There are five flexible cables, which have two sets of contacts on each cable, see the figure below. When inserting these cables into the connector, make sure that the cables are fully inserted, if not they may damage the connector.



P52 on EVR CONNECT C.B.A. P4604 and P4606 on R_SIDE C.B.A. P1004 and P1006 on CAMERA C.B.A.

$$\begin{split} & \text{CCD} \longleftrightarrow \text{P1004} \\ & \text{LENS} \longleftrightarrow \text{P1005} \\ & \text{LCD Unit} \longleftrightarrow \text{P4606} \\ & \text{P52 (EVR CONNECT C.B.A.)} \longleftrightarrow \text{P4604 (R_SIDE C.B.A.)} \end{split}$$

When P1004 flexible cable is not making correct contact, the camera's picture will not be seen.

When P1005 flexible cable is not making correct contact, the LENS will not operate.

When P4606 flexible cable is not making correct contact, the LCD Panel will not operate.

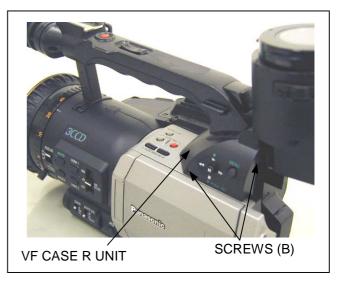
When P52 or P4604 flexible cable is not making correct contact, the VTR will not operate.

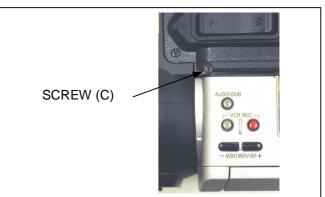
If any of the above symptoms occur after you assemble the AG-DVX100, please check the indicated connector.

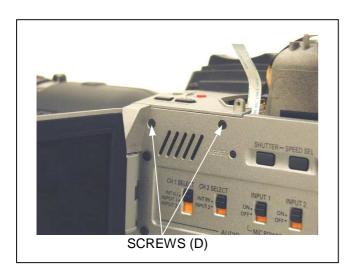
2. Removal of Top Panel Unit

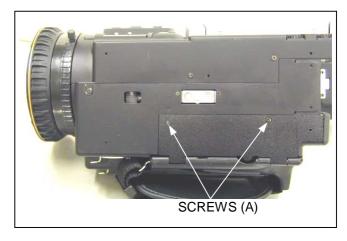
- Unscrew the 2 screws (A) and remove the VF CASE (L).
- 2. Unscrew the 2 screws (B) and disconnect a connector P610 on MENU C.B.A., then remove the VF CASE R UNIT.
- 3. Unscrew 3 screws (C) and (D).
- 4. Disconnect a connector P553 on VC CONNECT C.B.A. and remove the Top Panel Unit.

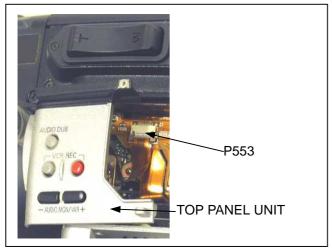


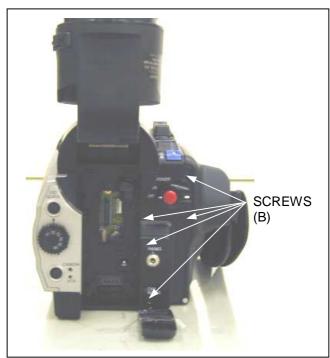






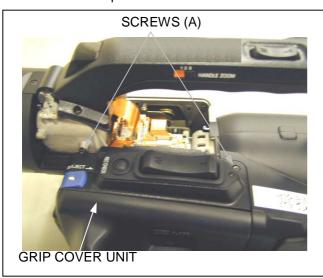


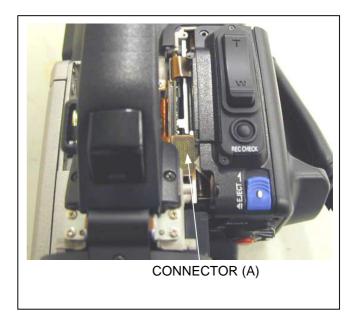




3. Removal of Grip Cover Unit

- 1. Remove the Top Panel Unit.
- 2. Unscrew the 4 screws (A) and unscrew the 5 screws (B).
- 3. Disconnect a connector (A) on VTR C.B.A. and remove the Grip Cover Unit.





4. Removal of Mechanism Unit

- 1. Remove the Grip Cover Unit.
- 2. Disconnect 2 connectors (A) and (B) on VTR C.B.A.
- 3. Unscrew the 2 screws (B).
- 4. Disconnect a connectors (C) on VTR C.B.A.
- 5. Unscrew the 4 screws (A) and remove the Mechanism Unit.

NOTE:

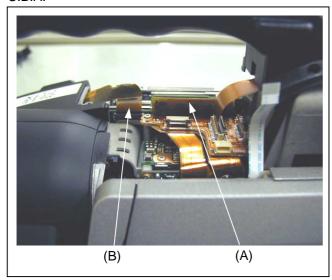
When remove the Mechanism Unit, the connector (D) which combines the VTR C.B.A with Mechanism Unit is disconnected. Also the connector (E) and (F) which combines the VTR C.B.A with Mechanism Unit is disconnected.

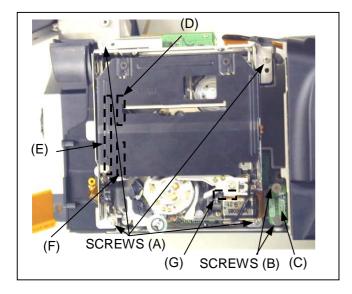
Check the connector has been connected securely when the Power Supply Unit is installed.

6. Disconnect a connectors (G) on VTR C.B.A.

NOTE:

When installing a mechanism unit, make the condition which closed the lid of the connector (B) on the VTR C.B.A.



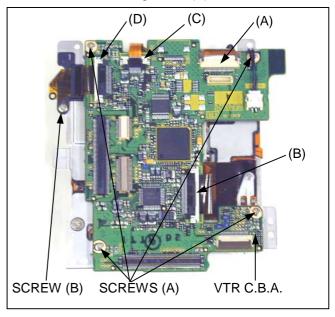


5. Removal of VTR C.B.A.

- 1. Remove the Mechanism Unit.
- Disconnect 4 connectors (A), (B), (C) and (D) on VTR C.B.A.
- Unscrew the 4 screws (A) and remove the VTR C.B.A..

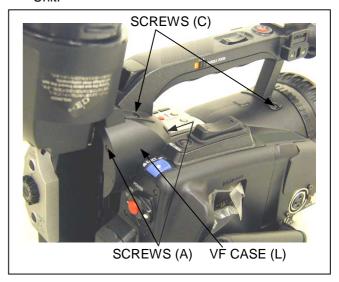
NOTE:

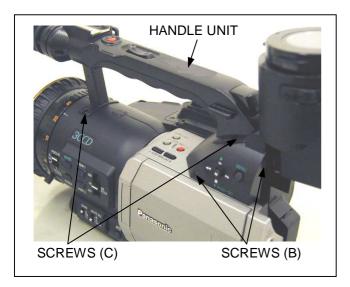
When inserting a connector (D) the connector is easy to insert when removing screw (B).

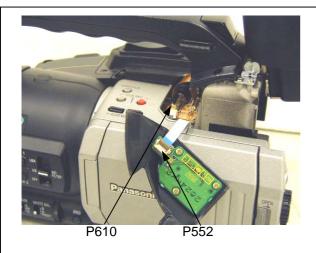


6. Removal of Handle Unit

- Unscrew the 2 screws (A) and remove the VF CASE (L).
- Unscrew the 2 screws (B) and disconnect a connector P610 on MENU C.B.A., then remove the VF CASE R UNIT.
- 3. Disconnect a connector P552 on VC CONNECT C.B.A..
- 4. Unscrew the 4 screws (C) and remove the Handle Unit.

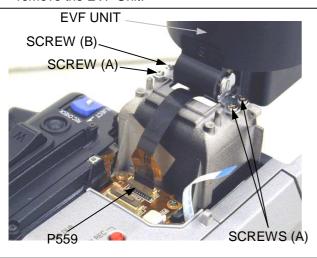






7. Removal of EVF Unit

- 1. Remove the Handle Unit.
- 2. Unscrew the 3 screws (A) and disconnect a connector P559 on VC CONNECT C.B.A..
- 3. Make the condition which lift up the EVF Unit as shown figure and unscrew the 1 screw (B), then remove the EVF Unit.

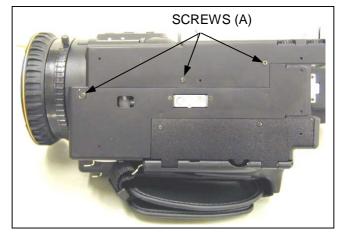


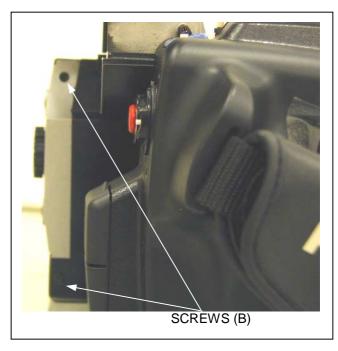
8. Removal of Side Case (R) Unit

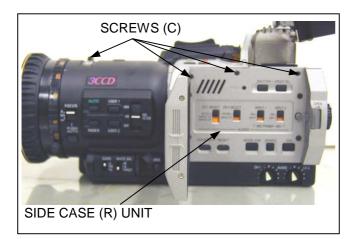
- 1. Remove the Handle Unit.
- 2. Unscrew the 5 screws (A) and (B).
- 3. Unscrew the 4 screws (C).
- 4. Disconnect a connector P556 on VC CONNECT C.B.A..
- 5. Disconnect a connector (A) on CAMERA C.B.A..
- 6. Disconnect a connector P4603 on R-SIDE C.B.A..
- 7. Disconnect a connector P4604 on R-SIDE C.B.A. and remove the Side Case (R) Unit.

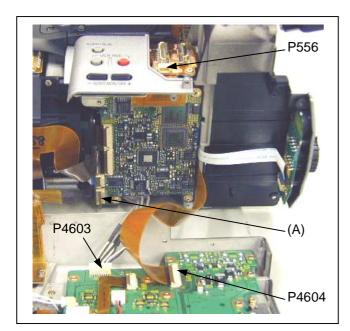
NOTE:

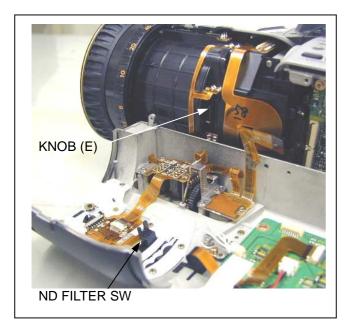
When installing a Side Case (R) unit, make the condition that ND FILTER SW is inserted in the knob(E) of part of ND filter on the lens unit (As for the figure, ND FILTER SW shows the condition of OFF).





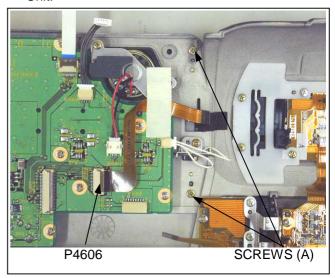


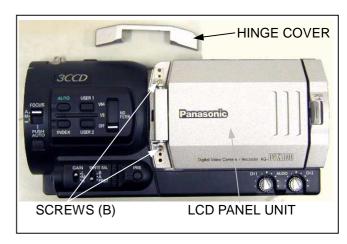




9. Removal of LCD Unit

- 1. Remove the Handle Unit.
- 2. Remove the Side Case (R) Unit.
- 3. Unscrew the 2 screws (A) and remove the HINGE COVER.
- 4. Disconnect a connector P4606 on R-SIDE C.B.A..
- 5. Unscrew the 2 screws (B) and remove the LCD Unit.





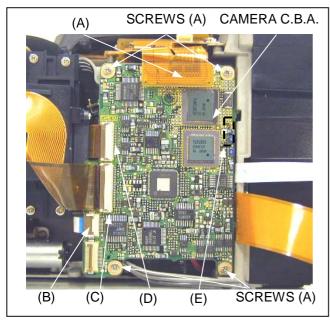
10. Removal of CAMERA C.B.A.

- 1. Remove the Handle Unit.
- 2. Remove the Top Panel Unit.
- 3. Remove the Side Case (R) Unit.
- 4. Disconnect 4 connectors (A), (B), (C) and (D) on R-SIDE C.B.A..
- 5. Unscrew the 4 screws (A) and remove the CAMERA C.B.A..

NOTE:

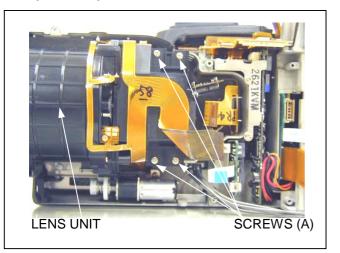
When remove the CANERA C.B.A., the connector (E) which connected between CAMERA and EVR CONNECT C.B.A. is disconnected.

Check the connector has been connected securely when the CAMERA C.B.A. is installed.



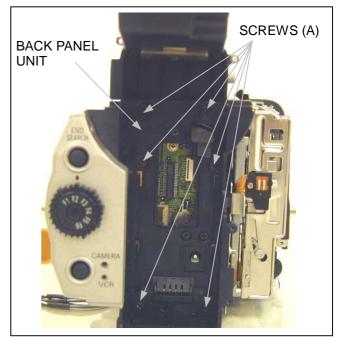
11. Removal of Lens Unit

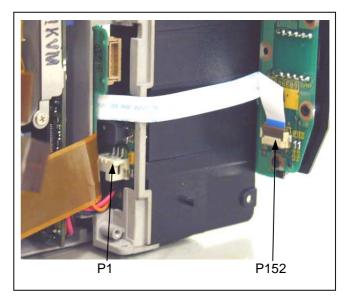
- 1. Remove the Handle Unit.
- 2. Remove the Top Panel Unit.
- 3. Remove the Side Case (R) Unit.
- 4. Remove the CAMERA C.B.A..
- 5. Unscrew the 4 screws (A) and remove the CAMERA C.B.A..



12. Removal of Back Panel Unit

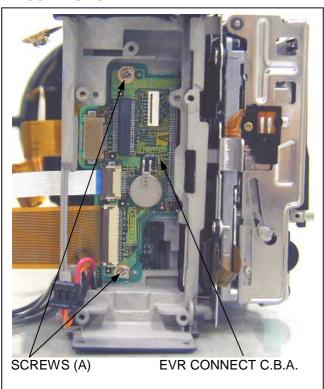
- 1. Remove the Grip Cover Unit.
- 2. Remove the Handle Unit.
- 3. Remove the Top Panel Unit.
- 4. Remove the Side Case (R) Unit.
- 5. Remove the CAMERA C.B.A..
- Disconnect a connector P152 on MODE SW C.B.A..
- 7. Unscrew the 6 screws (A).
- 8. Disconnect a connector P1 on BATTERY C.B.A.. and remove the Back Panel unit.





13. **Removal of EVR CONNECT** C.B.A.

- 1. Remove the Grip Cover Unit.
- 2. Remove the Handle Unit.
- 3. Remove the Top Panel Unit.
- 4. Remove the Side Case (R) Unit.
- 5. Remove the CAMERA C.B.A..
- 6. Remove the Back Panel Unit.7. Unscrew the 2 screws (A) and remove the EVR CONNECT C.B.A..



MECHANICAL ADJUSTMENT

CONTENTS

1.	MECHANICAL ADJUSTMENT AND CONFIRMATION	MECH-1
	1-1. Tension Post & T3 Post Height Adjustment	MECH-1
	1-2. Tension Post Position Adjustment	MECH-2
	1-3. Supply & Take-up Reel Table Adjustment	MECH-2
	1-4. Confirmation of Tape Pass	MECH-3
	1-5. Confirmation of the Envelope	MECH-4
	1-6. LISTA Adjustment Procedures	MECH-6
	1-6-1. Connection of LISTA Adjustment system	MECH-6
	1-6-2. Boot up the LISTA software	MECH-9
	1-6-3. How to Entry the Alignment Tape Data	MECH-10
	1-6-4. LISTA Sensitivity Detection	MECH-11
	1-6-5. LISTA Linearity Adjustment	MECH-12
2.	MECHANICAL PARTS REPLACEMENT PROCEDURE	MECH-14
	2-1. Disassembly Flowchart	MECH-14
	2-2. Manual Loading / Unloading	MECH-14
	2-3. Disassembly Procedures	MECH-15
	2-3-1. Garage Unit	MECH-15
	2-3-2. Cylinder Hold Angle	MECH-15
	2-3-3. Loading Motor Unit	MECH-15
	2-3-4. Head Amp C.B.A	MECH-16
	2-3-5. Cylinder Unit	MECH-16
	2-3-6. Cleaning Arm Unit	MECH-16
	2-3-7. Pinch Arm & unlock T3	MECH-16
	2-3-8. Tension Arm Unit	MECH-17
	2-3-9. Reel Tables & Brakes	MECH-17
	2-3-10. Play & FF/REW Gear	MECH-19
	2-3-11. T2 Arm Unit	MECH-19
	2-3-12. S1 & T1 Base	
	2-3-13. S1 Arm	MECH-20
	2-3-14. Radon Plate, Radon Arm & T1 Arm	
	2-3-15. Pad Arm	MECH-21
	2-3-16. Eject Arm	MECH-21
	2-3-17. Mode Gear & Main Cam Gear	MECH-21
	2-3-18. T3 Rod & Brake Rod	MECH-22
	2-3-19. Capstan Belt	MECH-22

1. MECHANICAL ADJUSTMENT AND CONFIRMATION

When the following parts are replaced, the mechanical adjustment is required.

Tension Post

T3 Post

Pad Arm Unit

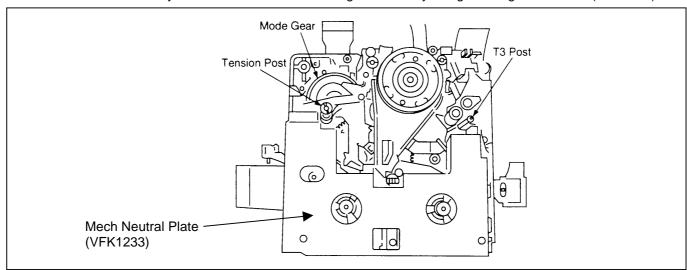
Supply or Take-up Reel Tables

1-1. Tension Post & T3 Post Height Adjustment

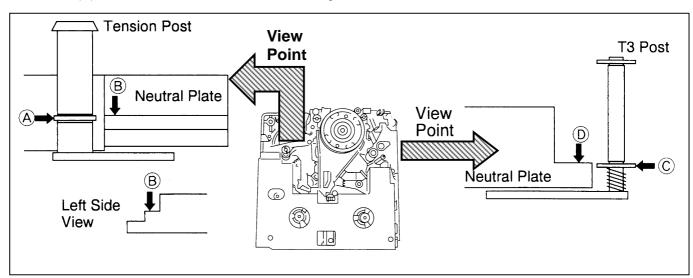
1. Remove the Cylinder Hold Angle and Loading Motor Unit.

NOTE: Not required remove the flexible cable from Loading Motor.

- 2. Set the Mechanism Plate (VFK1233) on the Mechanism Chassis.
- 3. Turn the Mode Gear fully clockwise to make full loading condition by using Loading Gear Driver (VFK1266).



- 4. Adjust the height of Tension Post by VFK1149 so the lower flange (A) point become same height of the top surface (B) of 2nd step of the Mechanism Plate as shown in Figure.
- 5. Adjust the height of T3 Post by VFK1151 so that the lower flange (C) point become same height of the top surface (D) of the Mechanism Plate as shown in Figure.

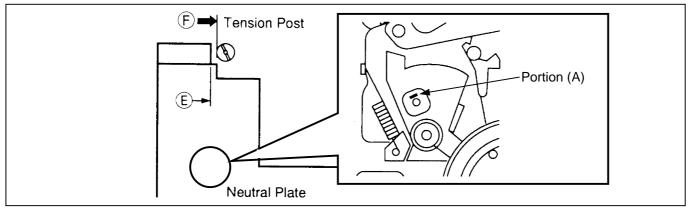


1-2. Tension Post Position Adjustment

1. Remove the Cylinder Hold Angle and Loading Motor Unit.

NOTE: Not required remove the flexible cable from Loading Motor.

- 2. Turn the Mode Gear to set the Mechanism position in the play mode, that the Soft Brake of the Pad Arm Unit just touch to the Supply Reel Table as shown in Figure.
- 3. Set the Mechanism Plate on the Mechanism Chassis as shown in Figure.
- 4. Insert the tip of minus driver to portion(A) as shown in figure and turn clockwise slowly until the surface of the Tension Post comes to 2nd step("F" Portion of tension post is just touch to "E" portion as shown in figure).



5. After adjustment, turn the Mode Gear to unloading direction then turn back to loading direction, and make sure that position is correct at above specification in Play position.

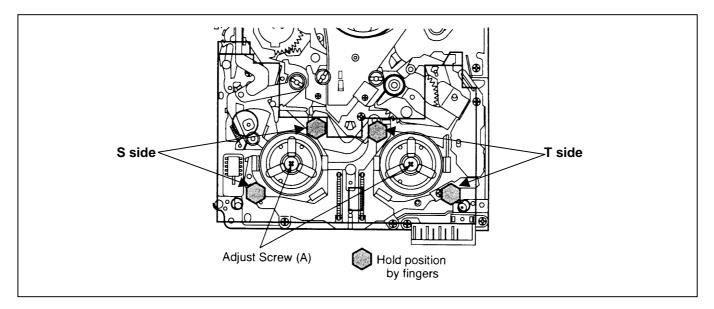
1-3. Supply & Take-up Reel Table Adjustment

This adjustment should be performed for Supply or Take-up Reel Table one by one.

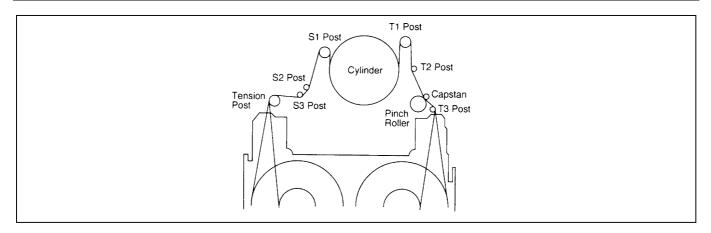
1. Remove the Cylinder Hold Angle and Loading Motor Unit.

NOTE: Not required remove the flexible cable from Loading Motor.

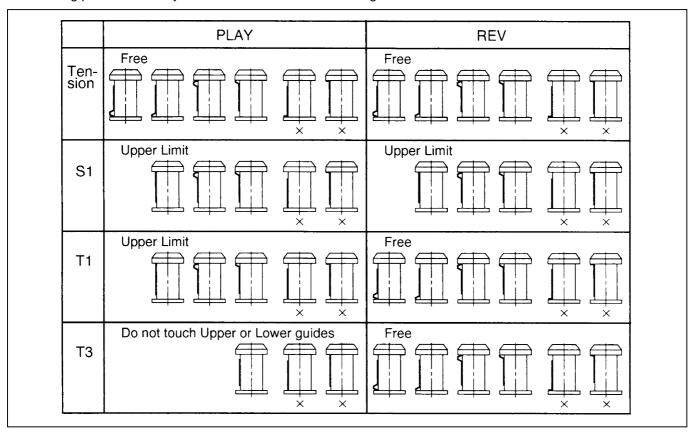
- 2. Turn the adjustment screw (A) on top of the Supply or Take-up Reel Table fully clockwise. Then, place the Mechanism Plate on the Mechanism Chassis as shown in Figure.
- 3. Hold the Mechanism plate by finger and slowly turn the adjustment screw counterclockwise until Reel Table just rotate with adjustment screw as shown in Figure.
- 4. Remove the Mechanism Plate and hold the Reel Table by finger then turn the adjustment screw counterclockwise to 45 degrees from above step point.



1-4. Confirmation of Tape Pass



1. Play back the cassette tape and confirm that the tape pass without curling at the upper and lower guides of the following posts in the Play and REV modes as shown in Figure.

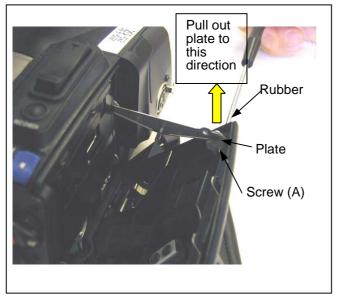


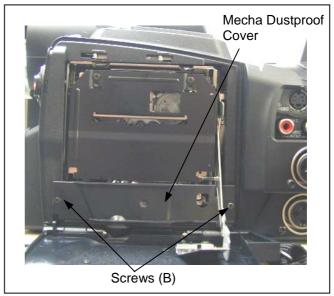
2. If there is curing or damage at the ether guide of posts, readjust the height of the posts by turning the post with the Post Adjustment Driver.

1-5. Confirmation of the Envelope

To adjust envelope waveform, below indicated operation is required.

- 1. Remove the rubber on Grip Cover Unit.
- 2. Unscrew the screw (A) and remove the plate from frame.
- 3. Unscrew the 2 screws (B) and remove the Mecha Dustproof Cover.





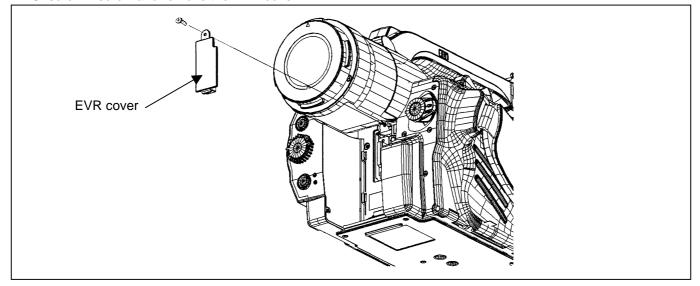
To confirm the envelope output, connect the Connection and Measuring Boards as described below.

For performing the confirmation of envelope, the following tool are required.

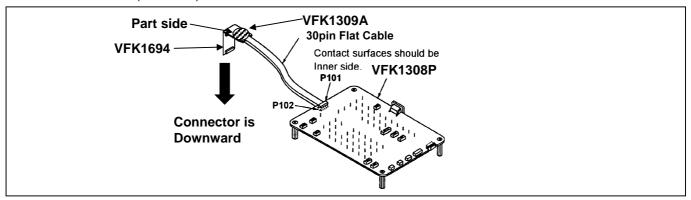
NAME	Part Number	Pcs.	Remark
Measuring Board	VFK1308P	1	
EVR Connector Board	VFK1309A	1	NOTE
EVR Extender Board	VFK1694	1	
30pin Flat Cable	VFK1317	2	
DC Cable	VJA0941	1	
AC Adaptor			

NOTE: VFK1309 can be use to this confirmation and VFK1309A is only required LCD adjustment.

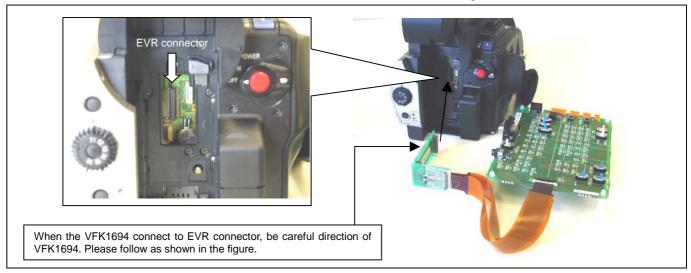
1. Unscrew 1 screw and remove the EVR cover.



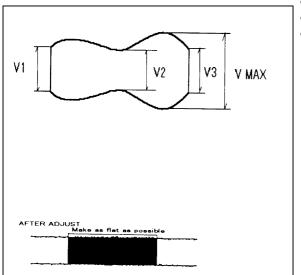
2. Connect the 2 pcs. of 30 pin flat cables(VFK1317) between P101/P102 on the Measuring Board(VFK1308P), and 2 connectors on the EVR Connector Board(VFK1309). Make sure that the contact surface of 2 pcs. of 30 pin Flat Cables are inner side and direction of the EVR Connector Board is as shown in Figure. Then connect the Extender board(VFK1694).



3. Connect the EVR Extender board (VFK1694) to EVR connector on EVR connect C.B.A in AG-DVX100. Then make sure that the direction of the Extender Board is correct as shown in Figure.



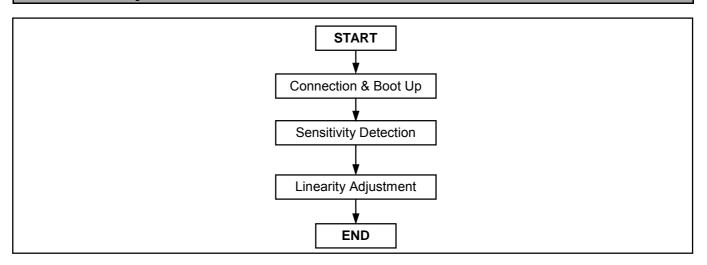
- 4. Supply DC6V to the Measuring Board (VFK1308P). Please use the DC cable (VJA0941) and AC Adaptor to supply DC voltage to Measuring Board.
- 5. Connect the oscilloscope to the Measuring Points [ENVELOPE] and [HID] as a trigger on the Measuring Board(VFK1308P).
- 6. Play back the color bar alignment tape and confirm that the Envelope is within the following specifications.



V1/V max. 0.9 V2/V max. 0.9 V3/V max. 0.9

7. If it is out of the specification, adjust the height of the S1 and T1 Post.

1-6. LISTA Adjustment Procedures



1-6-1. Connection of LISTA Adjustment system

TAPE	VFM3000EDS (DV LISTA)		
M. EQ	Personal Computer (A/D Board should be installed.)		
TOOL	VFK1481E (LISTA Software), VFK1186 (LISTA Cable), VFK1300 (A/D Converter Board),		
	VFK1308P (Measuring Board), VFK1409A (Measuring Board) ← NOTE 2		
	VFK1317 (30P flat cable): 2pcs, VFK1309A (EVR connector board) ← NOTE 1		
	VFK1694 (EVR extender board), VJA0941(DC cable): 2pcs, 9P RS232C cross cable.		
TP In case of use VFK1409A F2 : ATF-ERR (VFK1409A), TP2 : TRG/HSW (VFK1409A), GND : GND (VFK1409A)			
			In case of use VFK1409S
	F2: ATF-ERR (VFK1409S), TP2: TRG/HSW (VFK1810), GND: GND (VFK1409S)		

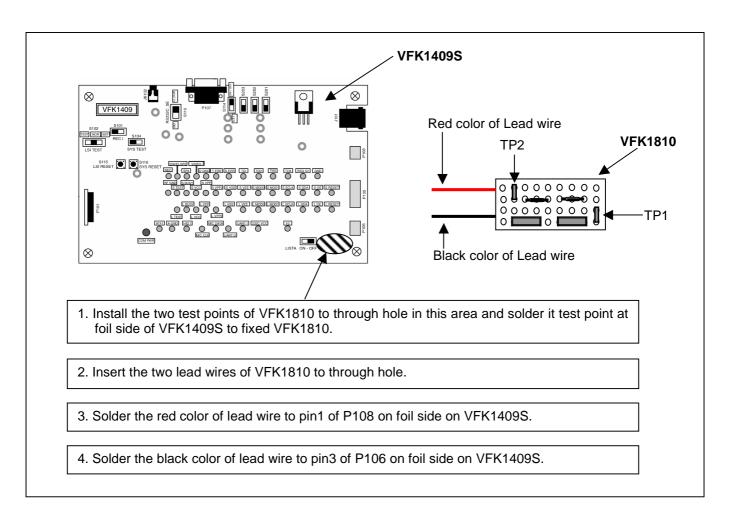
NOTE 1:

VFK1309 and VFK1309A can be use to perform LISTA adjustment. The VFK1309A is only required LCD adjustment(refer to item 1 of Electrical adjustment procedure in section 4.)

NÓTE 2:

If you already have VFK1409S(Measuring board), it can be use to perform LISTA adjustment with VFK1810(LISTA Measuring board).

How to install the VFK1810 to VFK1409S, please refer to next explanation.



1. Set the switches on the Measuring Board as shown below.

<VFK1308P>

(VI 1(1500) >				
SW NAME& No.	Setting Position			
RS232C SEL(SW101)	D-SUB			
VTR TEST(SW103)	L			
BST TEST(SW104)	NORMAL			
SW105	Н			
SW106	OFF			
SW107	CENTER position			
SW108	Н			
FLUSH1 (SW102)	NORMAL			
FLUSH2 (SW109)	NORMAL			

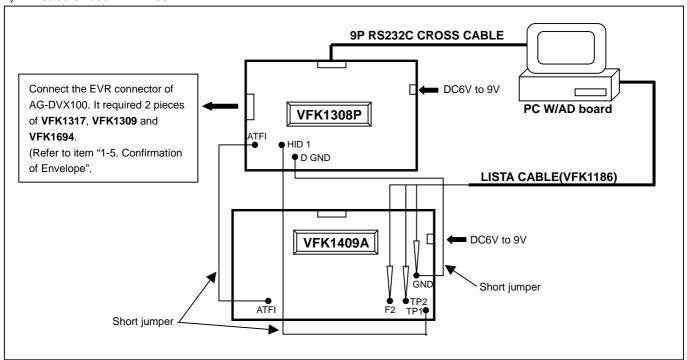
<VFK1409S or VFK1409A>

SW NAME& No.	Setting Position
RS232C SEL (S110)	D-SUB
REC I (S101)	NOR
LSI TEST(S102)	NOR
S104	NOR
S114	EXT
S201	Right side
S202	Right side
S203	Right side
LISTA ON-OFF	ON

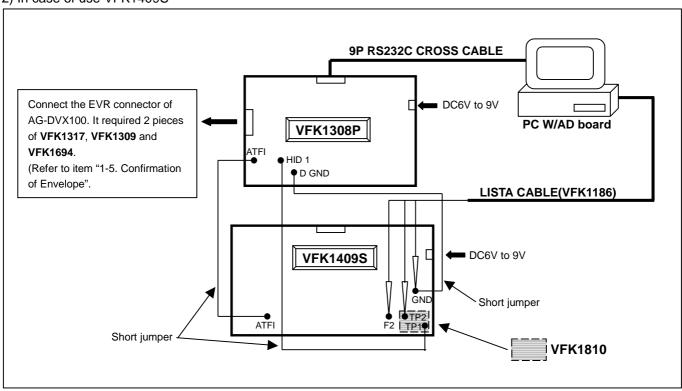
2. Connect a PC, the Measuring Board and the AG-DVX100 as shown below.

<CONNECTION>

1) In case of use VFK1409A



2) In case of use VFK1409S



3. Connect the clips of the LISTA cable to test point on the Measuring Board. (Refer to Items "Sensitivity Detection" and "Linearity Adjustment".)

1-6-2. Boot up the LISTA software

1. Boot up the LISTA software on DOS mode.

< How to Installation and Boot Up >

All files on the floppy disk (VFK1481E: LISTA Software) copy to created directly on PC (i.e.; C:\(\text{LISTA}\)). Type "LISTA" and press **ENTER** key, then boot up the LISTA software VFK1481E.

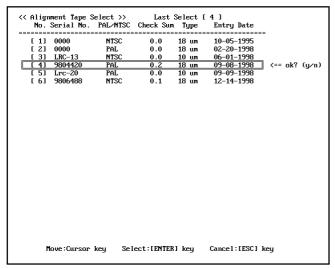
2. After boot up the LISTA software, <<< FORMAT SELECT >>> display appeared. Select the item "DV". After select the format, <<< VTR SELECT >>> display ppeared, and select the model "AG-DVC200".





- 3. Next, select the Serial number of the Alignment tape on the screen. In case of LISTA software have not resisted data of alignment tape, press the ESC key, then main menu is display on the screen. And select the item "<4> Alignment Tape" for entry the data on the attachment sheet, which is enclosed of alignment tape.
- 4. In case of LISTA software have resisted data of alignment tape, select the serial number of Alignment tape, then appear message "ok?(y/n)" on the screen. And press "Y" or "ENTER" key, then LISTA main menu is display on screen.

< In case of Alignment Tape resisted already >



< In case of Alignment Tape does not resisted >

Align N o.	ment Tape S Serial N o.	Select >> PAL/NTSC	Last : Check Sum	Select Type	[4] Entry Date
[1] [2]		NTSC PAL			10-05-1995 02-20-1998
м	one.Curcor	keu Sel	lect:[ENTER	l keu	Cancel:[ESC

1-6-3. How to Entry the Alignment Tape Data

- 1. Select the item "<4> Alignment Tape" on the LISTA main menu.
- 2. Select the item "<2> ENTRY" on the alignment menu.
- 3. After display the screen of **<<Alignment Tape Data Entry>>**, first input the Serial Number follow the printed number on the tape label. And input the number "0" or "1" for selected the PAL/NTSC. And after that for entry the tape type, incase of DVCPRO input to "0", in case of DV input to "1".
- 4. After select the tape type, the frame for input the DATA and CHECK SUM appeared on the screen. Input the numerical value in numerical order on the data sheet, which are enclosed with alignment tape. If input the wrong number, appear the error message on the screen, then confirm that the data on the sheet.
- 5. After entry the data, select "<1> SELECT" on the Alignment Tape Menu and select the serial number of the alignment tape.

<< Alignment Tape Data Entry >>

Serial No. 0596003 (NTSC) 10μm

[1]	- 0.1
[2]	0.1
[3]	0.0
[4]	0.2
[5]	0.6
[6]	0.5
[7]	0.7
[8]	0.9
[9]	1.0
[10]	0.8

[11]	0.7
[12]	1.0
[13]	0.7
[14]	0.5
[15]	0.2
[16]	- 0.5
[17]	- 0.3
[18]	- 0.3
[19]	- 0.1
[20]	- 0.6

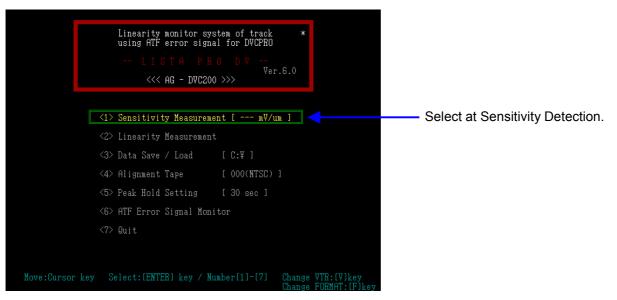
[21]	- 0.4
[22]	- 0.2
[23]	- 0.7
[24]	- 0.6
[25]	- 0.7
[26]	- 0.3
[27]	- 0.4
[28]	- 0.4
[29]	- 0.6
[30]	- 0.3

[31]	- 0.4
[32]	- 0.6
[33]	- 0.3
[34]	- 0.2
[35]	- 0.1
[36]	- 0.3
[37]	- 0.1

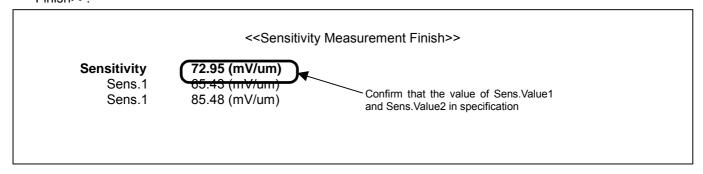
[CS]	- 0.6
------	-------

1-6-4. LISTA Sensitivity Detection

TP	In case of use VFK1409A
	F2: ATF-ERR (VFK1409A), TP2: TRG/HSW (VFK1409A), GND: GND (VFK1409A)
	In case of use VFK1409S
	F2: ATF-ERR (VFK1409S), TP2: TRG/HSW (VFK1810), GND: GND (VFK1409S)
VTR MODE	PLAY
ADJ. MODE	Refer to below explanation
TAPE	VFM3000EDS (DV LISTA)
SPEC.	40 mV / μm to 120 mV / μm

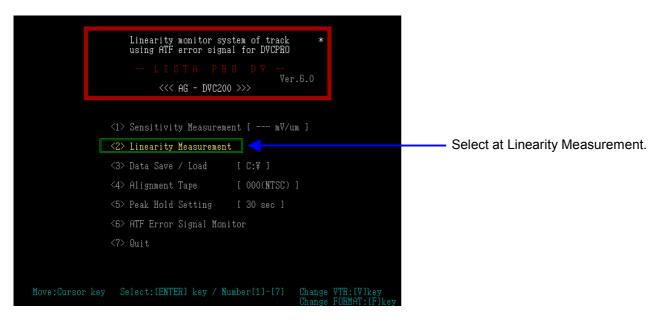


- 1. Set the AG-DVX100 to VCR mode.
- 2. Insert the DV Alignment Tape (VFM3000EDS) to the AG-DVX100.
- 3. Press MENU button while pressing ADUB and REW button at the same time, then open the VCR FUNCTION menu.
- 4. Open the "7. ADJUST MENU" in VCR FUNCTION menu.
- 5. Select the item "ATF GAIN" and set to ON in ADJUST MENU.
- 6. Message "NOW SERVO ADJUST PUSH MENU TO RETURN" is appeared on screen. Press ▶ key to playback the tape.
- 7. Press MENU button to return ADJUST MENU screen.
- 8. Select item "<1> Sensitivity Measurement " on the LISTA main menu, and press "ENTER".
- 9. Then the tape is played back (tape speed : 101.2%) automatically, and message "1.2% Speed..." appears an the screen.
- 10. Press the ENTER key, and then start measurement of the sensitivity value.
- 11. Confirm that the sensitivity value is with in specification, when the message "<<Sensitivity Measurement Finish>>.

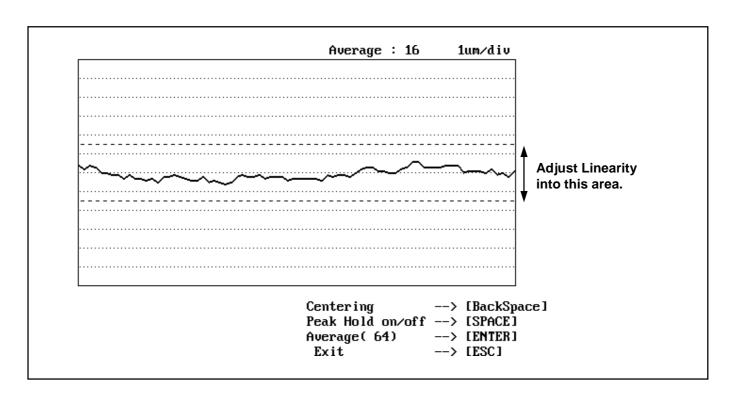


1-6-5. LISTA Linearity Adjustment

TP	In case of use VFK1409A
	F2: ATF-ERR (VFK1409A), TP2: TRG/HSW (VFK1409A), GND: GND (VFK1409A)
	In case of use VFK1409S
	F2: ATF-ERR (VFK1409S), TP2: TRG/HSW (VFK1810), GND: GND (VFK1409S)
ADJ.	S1 and T1 Post Height
VTR MODE	PLAY
ADJ. MODE	Refer to below explanation
TAPE	VFM3000EDS (DV LISTA)
TOOL	VFK1149A : Post Driver
SPEC.	Linearity : less than 3μm



- 1. Set the AG-DVX100 to VCR mode.
- 2. Insert the DV Alignment Tape (VFM3000EDS) to the AG-DVX100.
- Press MENU button while pressing ADUB and REW button at the same time, then open the VCR FUNCTION menu.
- 4. Open the "7. ADJUST MENU" in VCR FUNCTION menu.
- 5. Select the item "LINEARITY" and set to ON in ADJUST MENU.
- 6. Message "NOW SERVO ADJUST PUSH MENU TO RETURN" is appeared on screen. Press ► key to playback the tape.
- 7. Press MENU button to return ADJUST MENU screen.
- 8. Select item "<2> Linearity Measurement " on the LISTA main menu, and press "ENTER", then appeared Linearity Waveform.
- 9. When the waveform as shown below figure is displayed on the screen, press the "BS (Back Space)" key for display the waveform positioned at the center of the scale on screen. Adjust S1 and T1 post height by using the post driver so that the linearity waveform is become flat as possible, and it should be within specification. (Adjust linearity waveform in the red dot line on the screen.)



POINT:

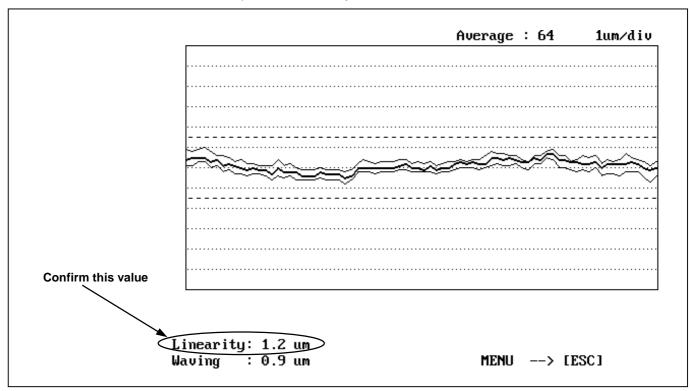
The part of left side of waveform (entrance side) is adjusted by height of S1 post and part of right side of waveform (exit side) is adjusted by height of T1 post.

Lower part of above waveform of figure is displayed lead of Cylinder.

When the post driver is remove from upper part of post, linearity waveform is changed.

After finish this adjustment, eject the tape and insert the tape again for confirm the shape of linearity waveform does not changed.

- 8. Press "SPACE" key to perform the Peak Hold in 30 seconds when linearity is displayed.
- 9. After finish the Peak Hold, press "SHIFT" and " } " key simultaneously on the Key Board, then the numerical values of "Linearity" and "Waving" is displayed on left lower portion of screen. And confirm the numerical value of "Linearity" is in the specification. If the "Linearity" is out of specification adjust height of S1 and T1 post.
- 10. After this measurement is finished, press the ESC key to return to the main menu.



2. MECHANICAL PARTS REPLACEMENT PROCEDURE

2-1. Disassembly Flowchart

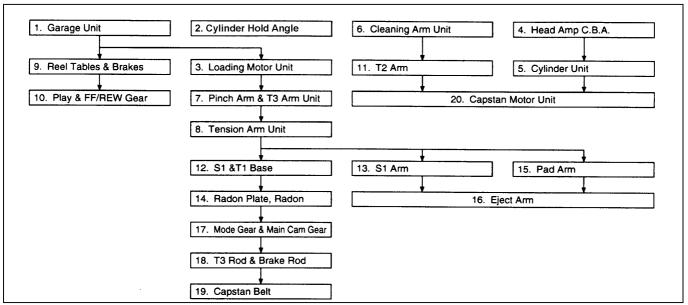


Figure 2-1-1

2-2. Manual Loading / Unloading

For the mechanism maintenance, loading and unloading operation can be manually performed. In order to perform manual loading and unloading easily, use Gear Driver (VFK1266) as shown in Figure 2-2-1.

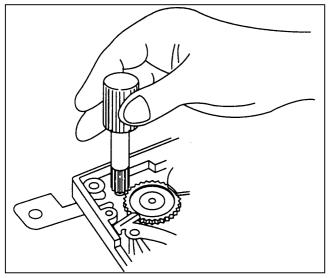


Figure 2-2-1

Rotate the Gear Driver clockwise or counterclockwise so that the Mode Cam Gear rotates opposite direction of the Gear Driver rotation, and then loading and unloading are performed

2-3. Disassembly Procedures

2-3-1. Garage Unit

1. Slide the Lock Lever with tweezers to eject the Garage.

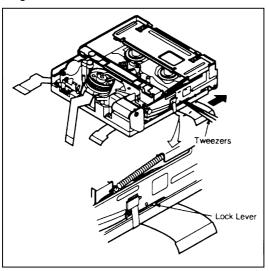


Figure 2-3-1

(Manual Eject)

Unscrew 2 screws (A) and removes Supply and Take-up Photo Transistors from Garage Unit. Unscrew 4 screws (B) and remove the Garage Unit.

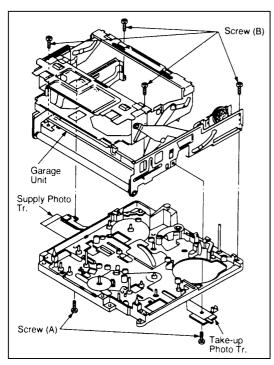


Figure 2-3-2

2-3-2. Cylinder Hold Angle

 Unscrew 2 screws (C) and remove the Earth Brush.

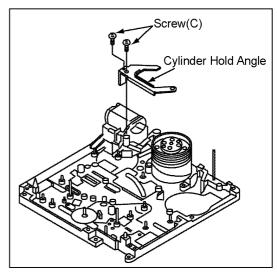


Figure 2-3-3

(Note of installation)

Install the Cylinder Hold Angle so that the tip of Angle is located in the P.C.Board.

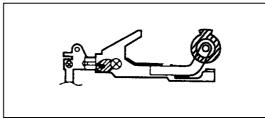


Figure 2-3-4

2-3-3. Loading Motor Unit

 Unsolder the soldered portion (D). Unscrew 2 screws (E) and remove the Loading Motor Unit.

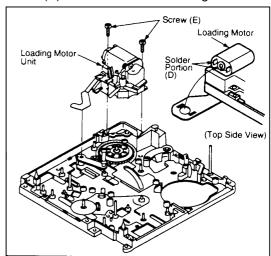


Figure 2-3-5

2-3-4. Head Amp C.B.A.

Unscrew screw (F) and remove the Capstan Cover.
 Disconnect FP5001.Disconnect Unscrew 2 screws
 (G) and remove the Head Amp C.B.A.

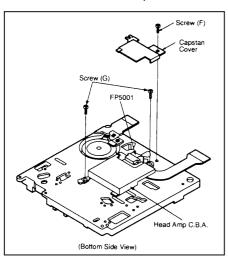


Figure 2-3-6

2-3-5. Cylinder Unit

1. Unscrew 3 screws (H) and remove the Cylinder Unit carefully. Do not touch the Video Head.

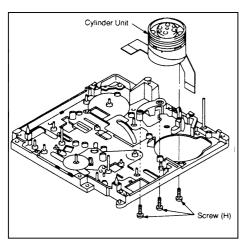


Figure 2-3-7

2-3-6. Cleaning Arm Unit

1. Unlock the locking portion of the Cleaning Arm Unit

(Note of installation)

Hooking portion of the Cleaning Arm Spring is; Spring (a) -- Cleaning Arm spring (a') Spring (b) -- T2 Arm Unit (b')

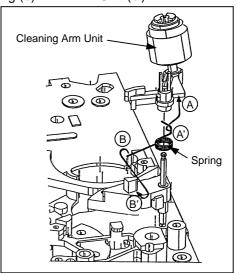


Figure 2-3-8

2-3-7. Pinch Arm & unlock T3

1. Unscrew screw (I), then slide the Pinch Pressure Plate and unlock the locking portion.

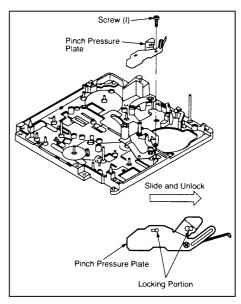


Figure 2-3-9

(Note of installation)

Remove the T3 Arm Unit.

After install T3 Arm Unit, the Height Adjustment is required.

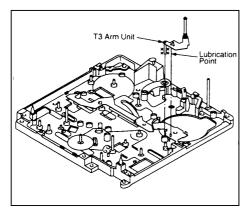


Figure 2-3-10

(Note of installation)

Remove the Pinch Arm Unit and Pinch Arm Spring.

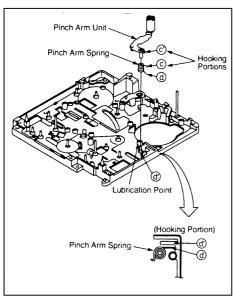


Figure 2-3-11

(Note of installation)

Hooking portion of the Pinch Arm Spring is; Spring (c) -- Pinch Arm (c') Spring (d) -- T3 Rod (d')

2-3-8. Tension Arm Unit

1. Turn the Mode Gear counter-clockwise until Tension Arm Unit slightly move to loading direction. Remove the Tension Arm Unit and Cut Washer (J).

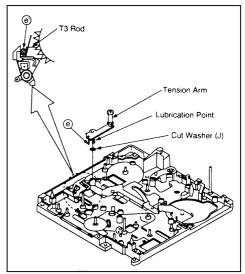


Figure 2-3-12

(Note of installation)

The projection (e) on Tension Arm meets guide (e') on the T3 Rod which is shifted by turning Mode Gear.

2-3-9. Reel Tables & Brakes

1. Unhook the hooking portion (f) and (f'). Unscrew 3 screws (K) and remove Cover Plate.

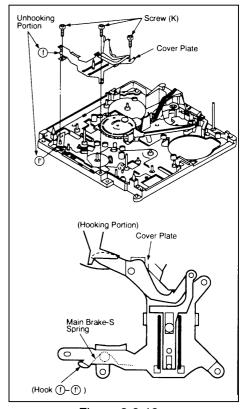


Figure 2-3-13

2. Remove Supply and Take-up Reel Tables.

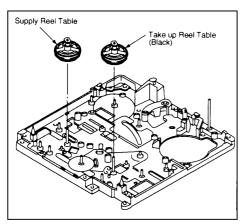


Figure 2-3-14

3. Unhook the hooking portion (g) and (g') of the Review Brake Spring and remove Review Brake.

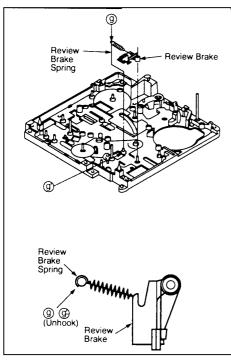


Figure 2-3-15

4. Remove the FF Brake and FF Brake Spring.

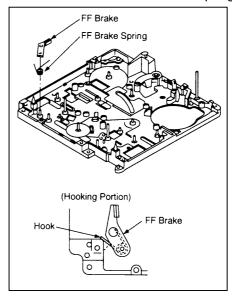


Figure 2-3-16

(Note of installation)

Confirm the hooking portion of the FF Brake Spring.

5. Remove the Main Brake S and Main Brake-S Spring.

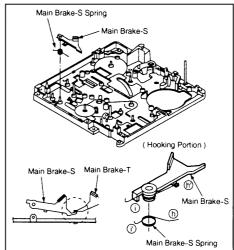


Figure 2-3-17

(Note of installation)

Confirm the hooking portion of the Main Brake-S Spring.

6. Remove the Cut Washer (L) and Main Brake T Unit.

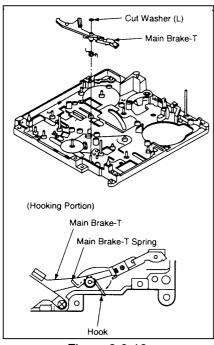


Figure 2-3-18

(Note of installation)

Confirm the hooking portion of the Main Brake T Spring.

2-3-10. Play & FF/REW Gear

1. Remove the Play Idler and Play Gear.

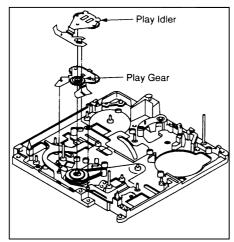


Figure 2-3-19

2-3-11. T2 Arm Unit

1. Remove the Cut Washer (M) and T2 Arm Unit with spring.

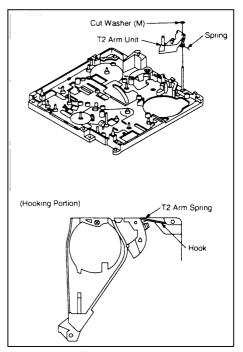


Figure 2-3-20

(Note of installation)

Confirm the hooking portion of the T2 Arm Spring.

2-3-12. S1 & T1 Base

 Turn the Mode Gear counter-clockwise until half loading position. Hold (N) and (O) positions on S1 and T1 Arm units and then unlock the locking portions (A) and (B) with tweezers.

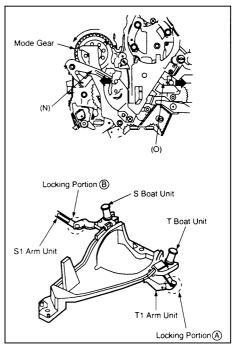


Figure 2-3-21

Remove 2 screws (P) and Cylinder Base Unit with S and T Boat Units. Then remove S and T Boat Units from the Cylinder Base Unit.

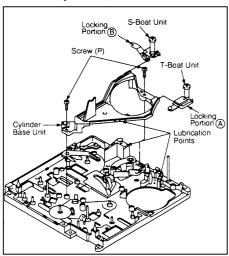


Figure 2-3-22

(Note of installation)

After install the Cylinder Base Unit move, S and T Boat to loading completed position by finger and turn the Mode Gear clockwise until half loading position. Then connect the locking portion (A) and (B).

2-3-13. S1 Arm

1. Turn the Mode Gear fully counter-clockwise. Remove the Cut Washer (Q) and S1 Arm Unit.

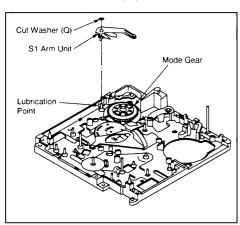


Figure 2-3-23

2-3-14. Radon Plate, Radon Arm & T1 Arm

1. Unscrew 2 screws (R) and remove Radon Plate.

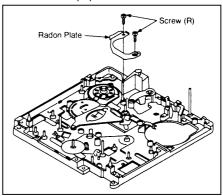


Figure 2-3-24

2. Unscrew screw (S) and remove Radon Arm Unit.

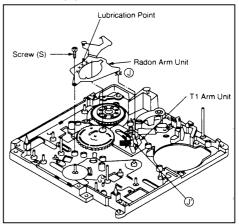


Figure 2-3-25

(Note of installation)

When installing the T1 Arm Unit, the projection (j) on the Radon Arm Unit is aligned to guide (j') on the T1 Arm Unit by pushing the T1 Arm Unit.

3. Remove the T1 Arm Unit.

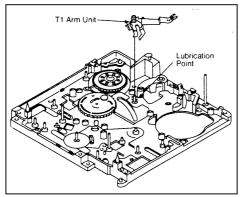


Figure 2-3-26

2-3-15. Pad Arm

 Unhook the hooking portion (k') of the Pad Arm Spring. Remove the Cut Washer (T) and Pad Arm Unit.

(Note of installation)

Confirm the hooking portion of the Pad Arm Spring(k..k').

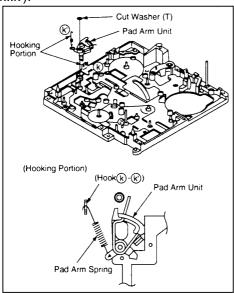


Figure 2-3-27

2-3-16. Eject Arm

1. Unscrew 2 screws(U) and remove the Eject Arm Unit.

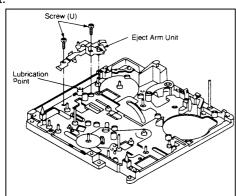


Figure 2-3-28

2-3-17. Mode Gear & Main Cam Gear

1. Remove the Main Cam Gear. Unsolder the soldered portion (I) on the Mechanism Flexible Board. Then remove the Mode Gear.

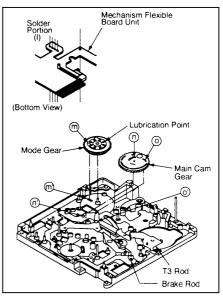


Figure 2-3-29

(Note of installation)

The projection (m) on the Mode Gear meets with the hole (m') on the Mechanism Chassis.

Push the Brake and T3 Rod in fully left direction.

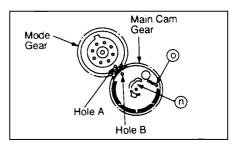


Figure 2-3-30

Install the Main Cam Gear so that the hole A on the Mode Gear is aligned to meet with the hole B on the Main Cam Gear.

Shift the T3 Rod slowly in the right direction until guide (n) on the Main Cam Gear meets with the projection (n') on the T3 Rod.

Shift the Brake Rod slowly in the right direction until guide (o) on the Main Cam Gear meets with the projection (o')on the brake Rod.

2-3-18. T3 Rod & Brake Rod

 Remove the T3 Rod. The projection (p) and (q) on the T3 Rod meet with the guide (p') and (q') on the Mechanism Chassis.

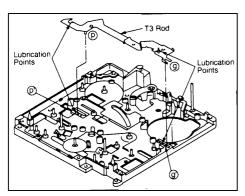


Figure 2-3-31

2. Unscrew 2 screws (V) and remove the Brake Rod, Brake Rod Plate A and B.

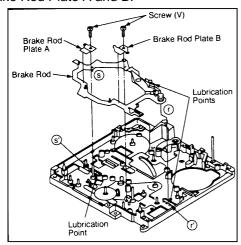


Figure 2-3-32

(Note of installation)

The projection (r) and (s) on the Brake Rod meet with the guide (r') and (s') on the Mechanism Chassis.

2-3-19. Capstan Belt

Remove the Center Gear and Washer (W).
 Unscrew screw (X) and remove LED Holder.
 Remove Cut Washer (Y).

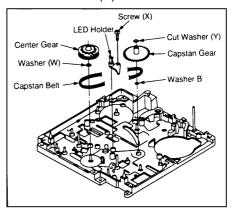


Figure 2-3-33

(Loosen a black screw on the Cap. Motor as shown in Fig.) Slightly lift up in the direction and slowly remove the Capstan Gear. Do not bend the Capstan Shaft.

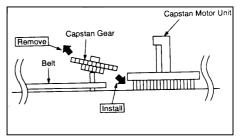


Figure 2-3-34

2. Remove the Capstan Belt.

(Note of installation)

After install Capstan Gear, confirm no warp of the Capstan Gear, no bend of the Capstan Gear Shaft and smooth rotation of the Capstan and Center Gear.

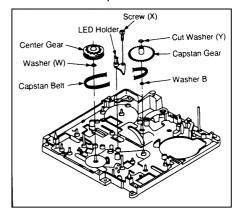


Figure 2-3-35

ELECTRICAL ADJUSTMENT

CONTENTS

1.	ADJUSTMENT SYSTEM	
	1-1. Modification procedure of VFK1309	
	1-2. Connection	.ELE-1
	1-3. System Hook up Procedures	.ELE-2
2.	REQUIRED TOOL & EQUIPMENT FOR ELECTRICAL ADJUSTMENT	.ELE-4
3.	PC EVR (ADJUSTMENT) SOFTWARE	.ELE-5
	3-1. BOOT UP THE ADJUSTMENT SOFTWARE	.ELE-5
	3-2. How to Use the Main Menu	.ELE-8
	3-3. Introduction of the Sub Menu	.ELE-9
4.	EEPROM	.ELE-11
	4-1. How to Save Camera EEPROM Data	.ELE-11
	4-2. How to Save VTR EEPROM Data	.ELE-12
	4-3. REWRITE Saved Data	.ELE-13
	4-3-1. How to Rewrite EEPROM data on Camera C.B.A.	
	4-3-2. How to Rewrite EEPROM data on VTR C.B.A	.ELE-13
5.	HOUR METER RESET	.ELE-13
6.	CAMERA ADJUSTMENT PROCEDURE	.ELE-14
	6-1. Hall Amp Adjustment (AUTO)	
	6-2. Iris PWM Adjustment (AUTO)	.ELE-15
	6-3. OISu Adjustment (AUTO)	.ELE-17
	6-4. Zoom Tracking Adjustment (AUTO)	
	6-5. White Balance Adjustment	.ELE-20
	6-5-1. Indoor (3100K) White Balance Adjustment	.ELE-20
	6-5-2. Outdoor (5100K) White Balance Adjustment	
	6-5-3. Cool white (4500K) White Balance Adjustment	
	6-5-4. Wram white (3600K) White Balance Adjustment	.ELE-25
	6-6. CCD white scratch damage revision Adjustment (AUTO)	.ELE-27
	6-7. White Shading Adjustment	
7.	VTR ADJUSTMENT PROCEDURE	
	7-1. Sensitivity adj of Tape sensors Adjustment (AUTO)	
	7-2. PG shifter Adjustment (AUTO)	
	7-3. Luminance level Adjustment	
	7-4. Chroma level Adjustment	
8.	LCD ADJUSTMENT PROCEDURE	
	8-1. PLL Adjustment	.ELE-34
	8-2. Pedestal Level Adjustment	
	8-3. Contrast Adjustment	
	8-4. Sub contrast Adjustment	
	8-5. White balance Adjustment	.ELE-37
9.	EVF ADJUSTMENT PROCEDURE	
	9-1. EVF PLL Adjustment	
	9-2. EVF Contrast Adjustment	
	9-3. EVF Pedestal Level Adjustment	
	9-4. EVF Sub contrast Adjustment	.ELE-40
	9-5. EVF White balance Adjustment	.ELE-41

ELECTRICAL ADJUSTMENT PROCEDURE

1. ADJUSTMENT SYSTEM

For performing the electrical adjustment, the following tool are required.

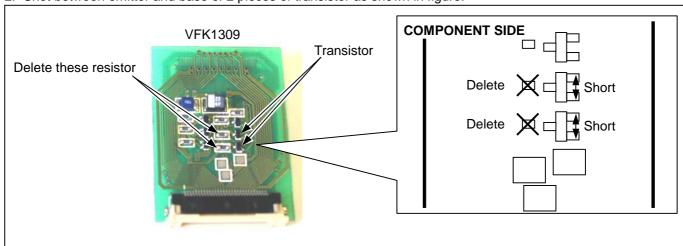
NAME	Part Number	Pcs.	Remark
Measuring Board	VFK1308P	1	
EVR Connector Board	VFK1309A	1	NOTE
EVR Extender Board	VFK1694	1	
30pin Flat Cable	VFK1317	2	
DC Cable	VJA0941	1	
9pin RS232C cross cable			
AC Adaptor			

NOTE:

- 1. VFK1309 can be use to this adjustment system except LCD adjustment.
- 2. If you have VFK1309, it can be modified to VFK1309A as following below indicated specification.

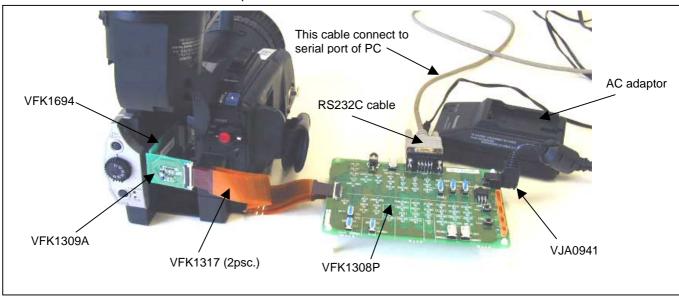
1-1. Modification procedure of VFK1309

- 1. Delete 2 pieces of resistor as shown figure.
- 2. Shot between emitter and base of 2 pieces of transistor as shown in figure.



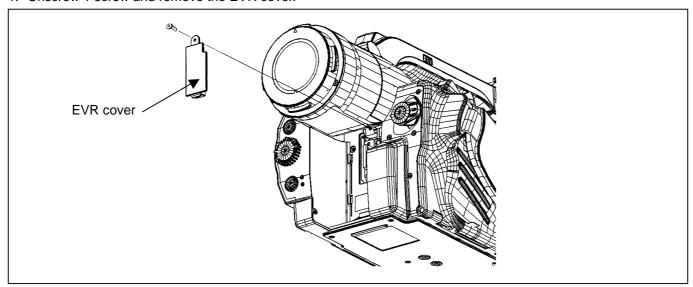
1-2. Connection

Please refer to next item 1-3 as detail explanation.

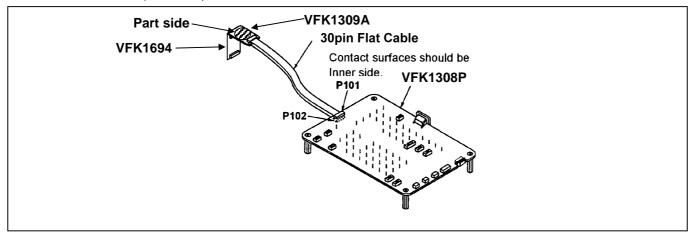


1-3. System Hook up Procedures

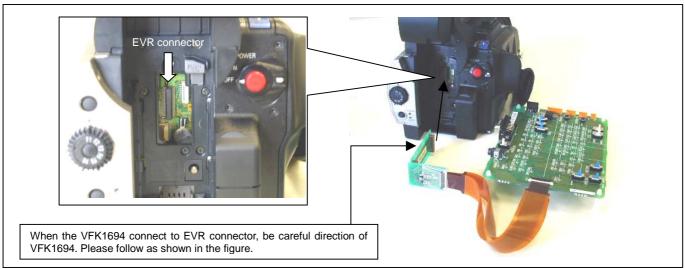
1. Unscrew 1 screw and remove the EVR cover.



2. Connect the 2 pcs. of 30 pin flat cables (VFK1317) between P101/P102 on the Measuring Board (VFK1308P), and 2 connectors on the EVR Connector Board (VFK1309A). Make sure that the contact surface of 2 pcs. of 30 pin Flat Cables are inner side and direction of the EVR Connector Board is as shown in Figures. Then connect the Extender board (VFK1694).



3. Connect the EVR Extender board (VFK1694) to EVR connector on EVR connect C.B.A. in AG-DVX100. Then make sure that the direction of the Extender Board is correct as shown in Figure.



- 4. Supply DC6V to the Measuring Board (VFK1308P). Please use the DC cable (VJA0941) and AC Adaptor to supply DC voltage to Measuring Board.
- 5. Connect a 9 pin RS-232C cable between the Measuring Board and RS-232C connector on Personal Computer as shown in Figure.
- 6. Unless otherwise specified on the message of the EVR software or this adjustment procedure, set the switches on the Measuring Board as shown in the table below.

NAME	SETTING POSITION
RS232C SEL(SW101)	D-SUB
VTR TEST(SW103)	NORMAL
BST TEST(SW104)	NORMAL
SW107	CENTER position
SW108	Н
SW105	Н
SW106	OFF
FLUSH1 (SW102)	NORMAL
FLUSH2 (SW109)	NORMAL

2. REQUIRED TOOL & EQUIPMENT FOR ELECTRICAL ADJUSTMENT

Below indicated tool are required to perform each adjustment except tools introduced item1.

Adjustmen	t ltem	Required Tool
Camera	Hall Amp (Auto)	Unnecessary
	Iris PWM (Auto)	Unnecessary
	OIS (Auto)	Unnecessary
	Zoom Tracking (Auto)	72mm Attachment Ring (VFK1809)
		43mm Attachment Ring (VFK1164TAR43)
		Collimator (VFK1164TCM01)
	White Balance (3100K)	Halogen lamp & Grayscale chart
		Color Pyrometer & Lux Meter
	White Balance (5100K)	CC filter (LB120) (VFK1347)
		CC filter (LBA2)
		CC filter (80D)
		72mm Attachment Ring (VFK1809)
		CC Filter Holder (VFK1345)
		Step-down Ring (62mm-52mm) (VFK1346)
		Step-up Ring (43mm-49mm) (VFK1659)
		Step-up Ring (49mm-62mm) (VFK1660)
		Halogen lamp & Grayscale chart
	MILL D. L. (470016)	Color Pyrometer & Lux Meter
	White Balance (4500K)	CC filter (LB120) (VFK1347)
		CC filter (LBB1)
		72mm Attachment Ring (VFK1809)
		CC Filter Holder (VFK1345)
		Step-down Ring (62mm-52mm) (VFK1346)
		Step-up Ring (43mm-49mm) (VFK1659)
		Step-up Ring (49mm-62mm) (VFK1660) Halogen lamp & Grayscale chart
		Color Pyrometer & Lux Meter
	White Balance (3600K)	CC filter (LB40) (VFK1341)
	Write Balance (3000K)	CC filter (LBB2)
		72mm Attachment Ring (VFK1809)
		CC Filter Holder (VFK1345)
		Step-down Ring (62mm-52mm) (VFK1346)
		Step-up Ring (43mm-49mm) (VFK1659)
		Step-up Ring (49mm-62mm) (VFK1660)
		Halogen lamp & Grayscale chart
		Color Pyrometer & Lux Meter
	CCD White scratch damage revision (Auto)	Unnecessary
	White Shading	Halogen lamp
VTR	Sensitivity adj of Tape sensor (Auto)	Tape End/Beg. Sensor Cassette (VFK1217)
	PG Shifter (Auto)	Oscilloscope
	Luminance Level	Waveform Monitor
	Chroma Level	Waveform Monitor
LCD	PLL	Oscilloscope
-	Pedestal Level	Oscilloscope
	Contrast	Oscilloscope
	Sub Contrast	Oscilloscope
	White balance	Oscilloscope
EVF	PLL PLL	Oscilloscope
_ • •	Pedestal Level	Oscilloscope
	i odostai Lovoi	
	Contrast	Oscilloscope
	Contrast Sub Contrast	Oscilloscope Oscilloscope

3. PC EVR (ADJUSTMENT) SOFTWARE

- 3-1. BOOT UP THE ADJUSTMENT SOFTWARE1. Copy all files on the floppy disc (VFK1811: EVR software) to created directly on PC(i.e.; C:\(\frac{1}{2}\)EVX100).
- 2. Restart the PC in DOS mode.
- 3. Type "DVX100" and press ENTER key, then EVR software boot up.
- 4. Wait for a few seconds so that the EVR adjustment program is started.

```
[Set up as follows]

1. Connect cables.

2. Power on the Camcorder.

[Enter] = Next.
```

PRESS ENTER KEY



```
[Serial port/ Buffer mode selection]

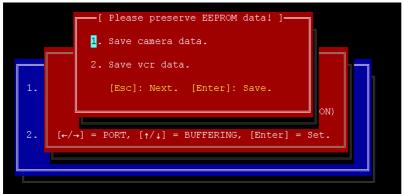
1. Current Serial port .......OM1 (CH1)

2. Current Buffering ......OFF
(Normal = OFF, Communication error = ON)

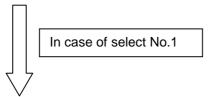
2. [←/→] = PORT, [↑/↓] = BUFFERING, [Enter] = Set.
```

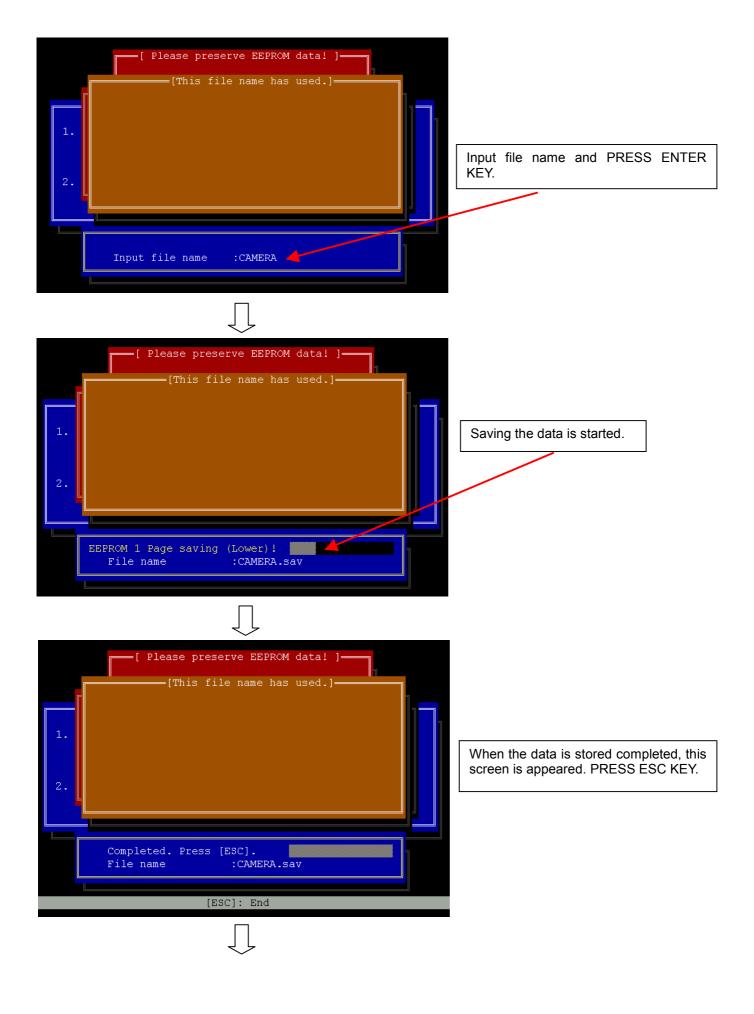
PRESS ENTER KEY

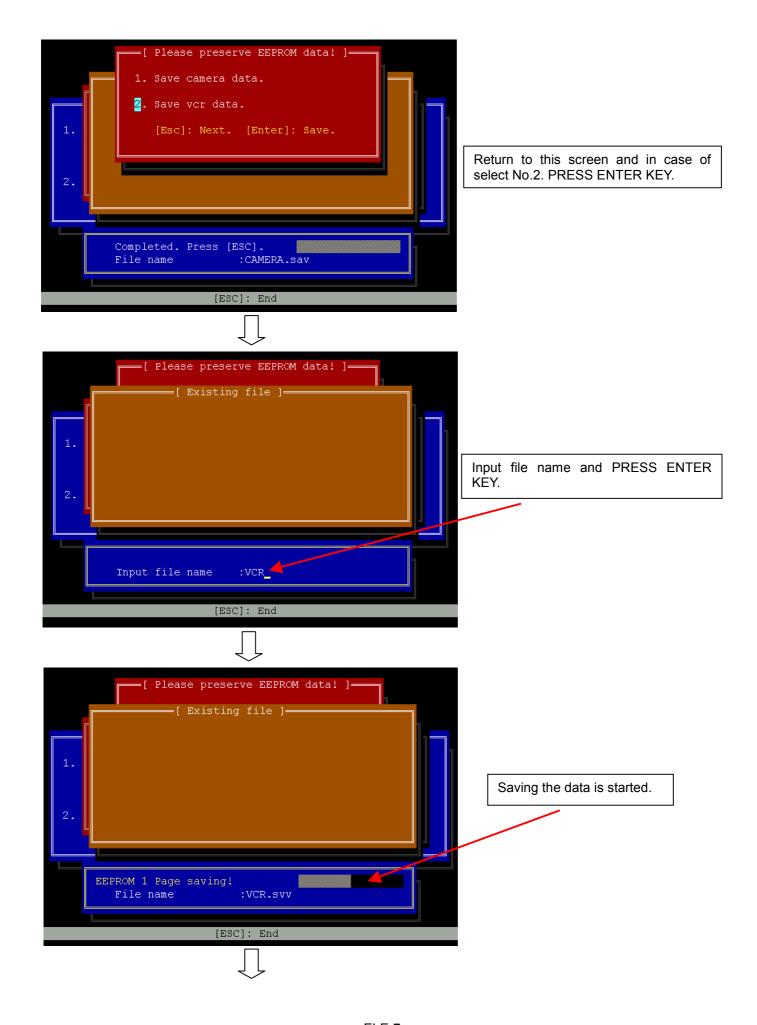


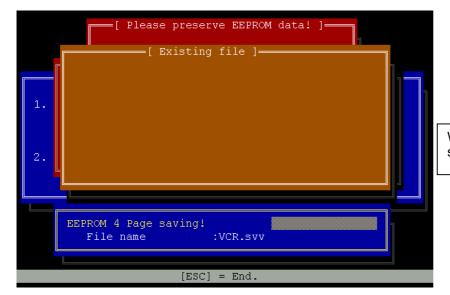


Normally this screen is appeared. We recommended store the EEPROM data before start adjustment. If you want to skip store the data, PRESS ESC KEY, then goes to Main menu.







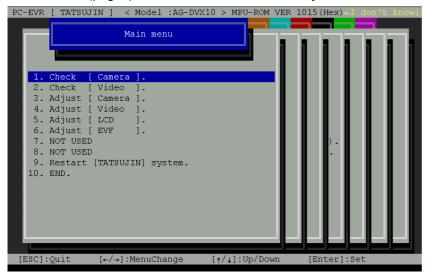


When the data is stored completed, this screen is appeared. PRESS ESC KEY.

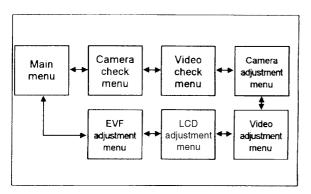
3-2. How to Use the Main Menu

Select a Sub Menu to check, adjust the unit and etc. by pressing $\uparrow\downarrow$ (UP/DOWN) Key in Main Menu. Then press "ENTER" Key. the Sub Menu will be displayed.

NOTE: Menu (pages) 3,4,5 and 6 are needed for adjustment.

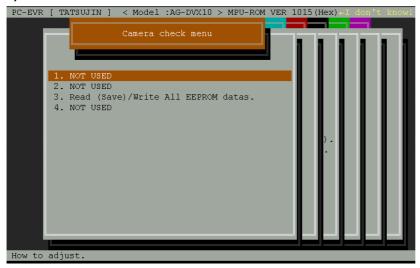


With using \longleftrightarrow keys, also the menu can be changed.

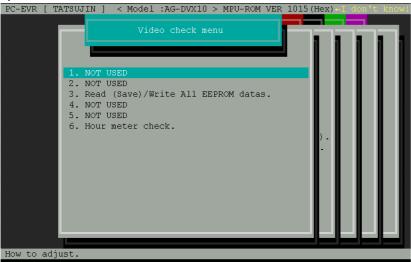


3-3. Introduction of the Sub Menu

1) Camera Check Menu



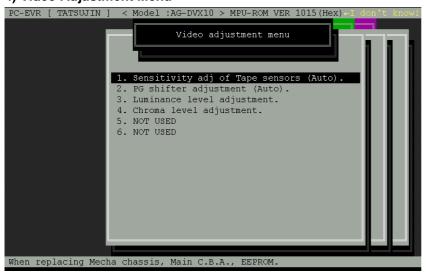
2) Video Check Menu



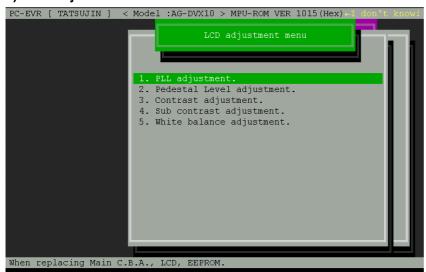
3) Camera Adjustment Menu



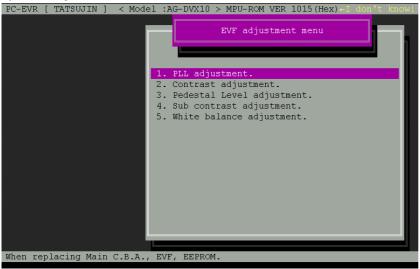
4) Video Adjustment Menu



5) LCD Adjustment Menu



6) EVF Adjustment Menu



4. EEPROM

All adjustment data has been stored in the EEPROM.

There are two EEPROM in this unit as shown in the table below.

EEPROM LOCATION

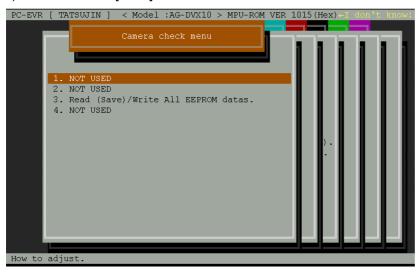
C.B.A.	EEPROM IC Ref.No.
Camera C.B.A.	IC307
VTR C.B.A.	IC2008

NOTE:

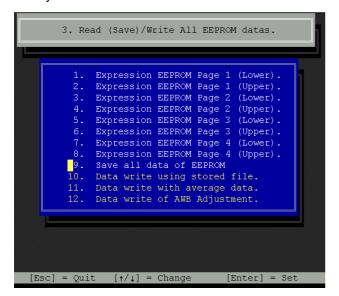
Be sure to save both the EEPROM data into the personal computer before performing service and adjustment, in order to avoid any accidental data loss.

4-1. How to Save Camera EEPROM Data

- 1) Select "1.Check [Camera]." In the Main menu, and then press the "Enter" key.
- 2) Select "3.Read [Save]/Write All EEPROM data" in the Camera check menu, and then press the "Enter" key.



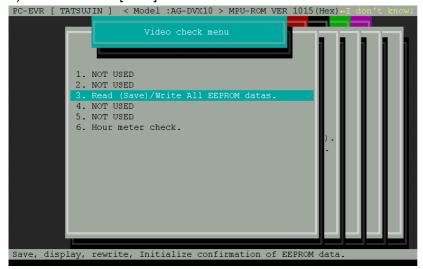
3) Select "9.Save all data of EEPROM" in Read [Save]/Write All EEPROM data menu, and then press the "Enter" key.



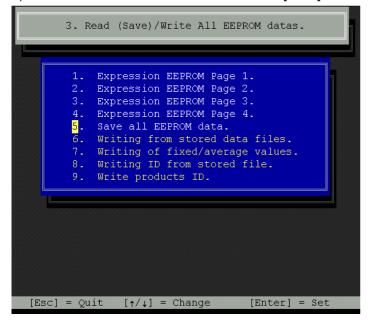
4) Type the File name and, then press the "Enter" key. The data of EEPROM (IC307) can be stored in the personal computer. (Please refer to item "2-1. BOOT UP THE ADJUSTMENT SOFTWARE")

4-2. How to Save VTR EEPROM Data

- 1) Select "2.Check [Video]." In the Main menu, and then press the "Enter" key.
- 2) Select "3.Read [Save]/Write All EEPROM data" in the Video check menu, and then press the "Enter" key.



3) Select "5.Save all EEPROM data" in Read [Save]/Write All EEPROM data menu, and then press the "Enter" key.



4) Type the File name, and then press the "Enter" key. The data of EEPROM (IC2008) will be stored in the personal computer.

4-3. REWRITE Saved Data

When Camera or VTR C.B.A is replaced, It becomes impossible to adjustment or repairing during service operation, rewrite the saved data which is stored in EEPROM as follows. And readjust.

4-3-1. How to Rewrite EEPROM data on Camera C.B.A.

- 1) Select "1.Check [Camera]." In the Main menu, and then press the "Enter" key.
- 2) Select "3.Read [Save]/Write All EEPROM data" in the Camera check menu, and then press the "Enter" key.
- 3) Select "10.Data write using stored file" in Read [Save]/Write All EEPROM data menu, and then press the "Enter" key.
- 4) Type the saved file name, and then press the "Enter" key.
- 5) Select "9.EEPROM ALL (2 Kbyte)", and then press the "Enter" key.
- 6) The data can be written in EEPROM (IC307).

4-3-2. How to Rewrite EEPROM data on VTR C.B.A.

- 1) Select "2.Check [Video]." In the Main menu, and then press the "Enter" key.
- 2) Select "3.Read [Save]/Write All EEPROM data" in the Video check menu, and then press the "Enter" key.
- 3) Select "3.Writing from the stored data files" in the Read [Save]/Write All EEPROM data menu, and then press "Enter" key.
- 4) Type the saved file name, and then press the "Enter" key.
- 5) Select "5.Write EEPROM (1024 byte)", and then press the "Enter" key.
- 6) The data can be written in EEPROM (IC2008).

5. HOUR METER RESET

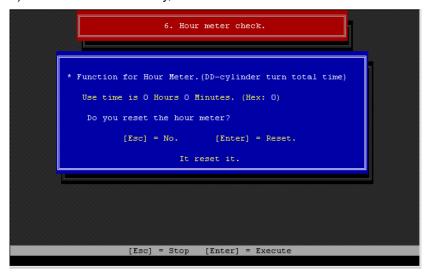
Hour Meter can be reset by use this EVR software.

<How to reset Hour Meter>

- 1) Select "2.Check [Video]." In the Main menu, and then press the "Enter" key.
- 2) Select "6.Hour meter check" in the Video check menu, and then press the "Enter" key.



3) Press the "ENTER" key, then reset is executed.



- 4) After finish this operation, the program goes to "Video Check Menu" automatically.
- 5) Open the "OTHER FUNCTION" menu in AG-DVX100 and confirm that the HOUR METER display is change to "00000H".

6. CAMERA ADJUSTMENT PROCEDURE

Be sure to save the Camera EEPROM data into the Personal Computer, before performing adjustment.

Perform the all PC-EVR adjustments, by referring to procedures on PC screen.

6-1. Hall Amp Adjustment (AUTO)

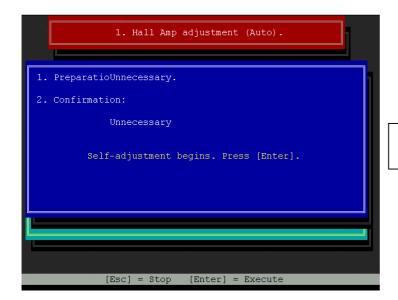
This adjustment can be adjust automatically.

- 1. Open the "Camera adjustment menu".
- 2. Select "1.Hall Amp adjustment (Auto)" in the Camera adjustment menu, and then press the "Enter" key.
- 3. Set to CAMERA mode in AG-DVX100 follow the message "Manually set to CAMERA mode.", and then press the "Enter" key.

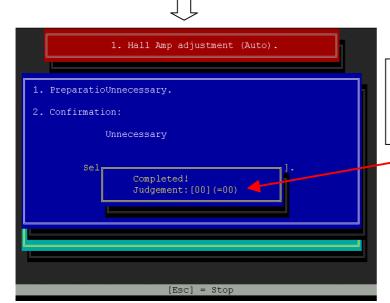


PRESS ENTER KEY.





PRESS ENTER KEY, then adjustment is started.



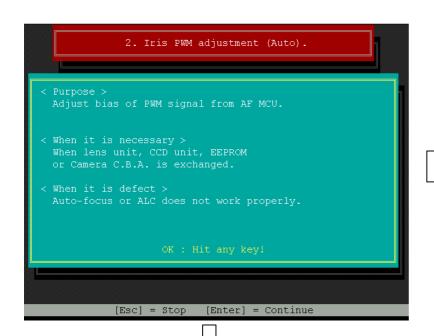
When adjustment is finished, message "Completed!" appeared and numerical value is changed "00".

The program goes to Camera adjustment menu automatically.

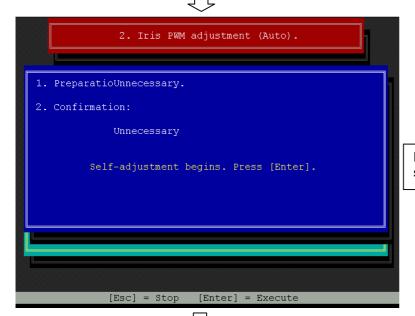
6-2. Iris PWM Adjustment (AUTO)

This adjustment can be adjust automatically.

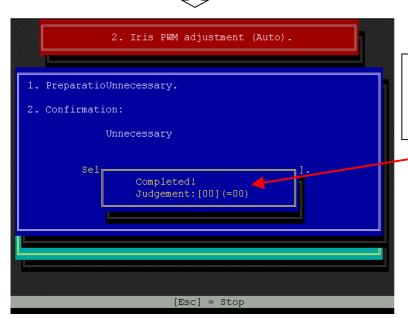
- 1. Open the "Camera adjustment menu".
- 2. Select "2.Iris PWM adjustment (Auto)" in the Camera adjustment menu, and then press the "Enter" key.
- 3. Set to CAMERA mode in AG-DVX100 follow the message "Manually set to CAMERA mode.", and then press the "Enter" key.



PRESS ENTER KEY.



PRESS ENTER KEY, then adjustment is started.



When adjustment is finished, message "Completed!" appeared and numerical value is changed "00".

The program goes to Camera adjustment menu automatically.

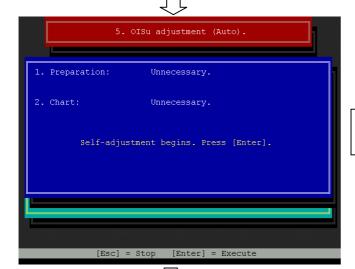
6-3. OISu Adjustment (AUTO)

This adjustment can be adjust automatically.

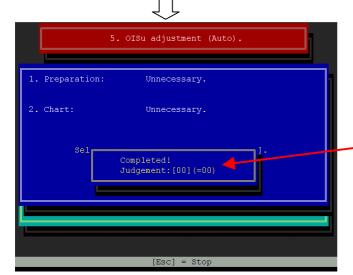
- 1. Open the "Camera adjustment menu".
- 2. Select "5.OISu adjustment (Auto)" in the Camera adjustment menu, and then press the "Enter" key.
- 3. Set to CAMERA mode in AG-DVX100 follow the message "Manually set to CAMERA mode.", and then press the "Enter" key.



PRESS ENTER KEY.



PRESS ENTER KEY, then adjustment is started.



When adjustment is finished, message "Completed!" appeared and numerical value is changed "00".

The program goes to Camera adjustment menu automatically.

6-4. Zoom Tracking Adjustment (AUTO)

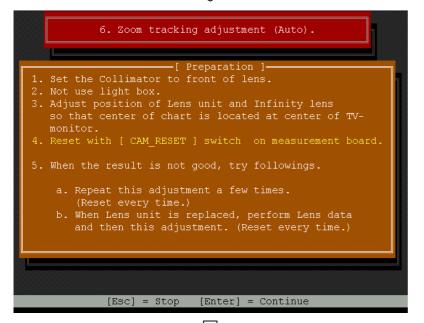
This adjustment can be adjust automatically.

- 1. Set the 72mm Attachment Ring(VFK1809) to front of the Lens.
- 2. Set the 43mm attachment ring (VFK1164TAR44) to Collimator (VFK1164TCM01).
- 3. Set the Collimator (VFK1164TCM01) with the 43mm attachment ring (VFK1164TAR44) to 72mm Attachment Ring(VFK1809).
- 4. Open the "Camera adjustment menu".
- 5. Select "6.Zoom Tracking adjustment (Auto)" in the Camera adjustment menu, and then press the "Enter" key.
- 6. Set to CAMERA mode in AG-DVX100 follow the message "Manually set to CAMERA mode.", and then press the "Enter" key.

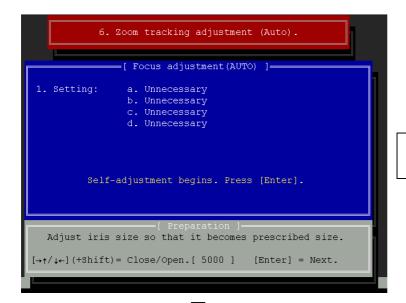


PRESS ENTER KEY.

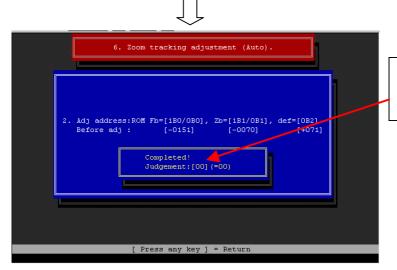




PRESS ENTER KEY.



PRESS ENTER KEY, then adjustment is started.



When adjustment is finished, message "Completed!" appeared and numerical value is changed "00".

7. After finish this adjustment, press "CAM RESET" switch on Measuring Board(VFK1308P).

NOTE: Please perform this adjustment twice.

- 8. Confirm that the AG-DVX100 set to Auto Focus mode.
- 9. Connect the VIDEO OUT to Monitor TV.
- 9. Press the Zoom button to set maximum TELE side.
- 10. Confirm that the focus chart appeared clear and Numerical value of Focus control information display. (The value should be appeared "AF95 +/- 1"
- 11. Set the AG-DVX100 to manual focus mode.
- 12. Press the Zoom button to change zoom position to maximum WIDE from maximum TELE side, then confirm that the focus chart appeared clear and Zoom position display number changed smoothly.

6-5. White Balance Adjustment (AUTO)

This adjustment can be adjust automatically.

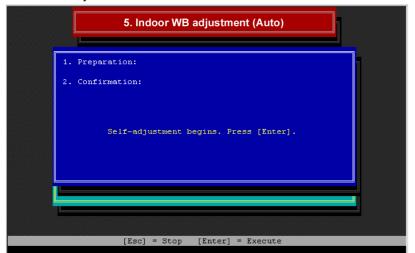
Set to CAMERA mode in AG-DVX100 follow the message "Manually set to CAMERA mode.", and then press the "Enter" key.

<Preparation>

- 1. Set the ND FILTER SW to 1/8 position.
- 2. Set the DVX100 to ATW mode.
- 3. Execute the ABB.

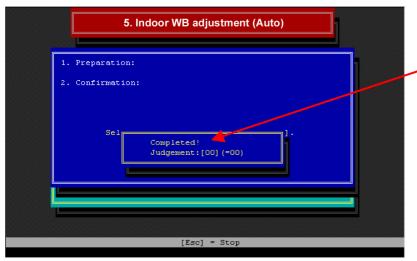
6-5-1. Indoor (3100K) White Balance Adjustment (AUTO)

- 1. Aim the unit at Grayscale Chart under the Halogen lamp condition (3100K, 2000Lux).
- 2. Open the "Camera adjustment menu".
- 3. Select "7.White Balance adjustment" in the Camera adjustment menu, and then press the "Enter" key.
- 4. Select "5.Indoor (3100K) WB adjustment (Auto)" in the White balance adjustment menu, and then press the "Enter" key.



PRESS ENTER KEY, then adjustment is started.



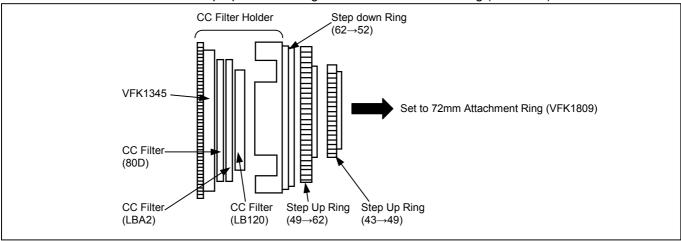


When adjustment is finished, message "Completed!" appeared and numerical value is changed "00".

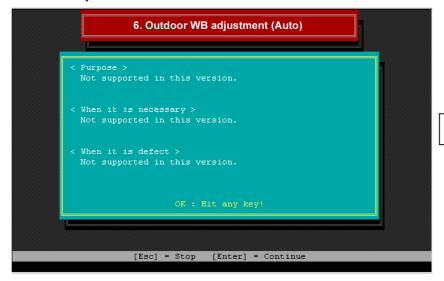
5. Press the "CAM_RESET" SW on VFK1308P and then press the "Enter" key.

6-5-2. Outdoor (5100K) White Balance Adjustment (Auto)

- 1. Set the Color Conversion filters (LB120: VFK1347), (LBA2) and (80D) to CC Filter Holder(VFK1345).
- 2. Set the one Step-down Ring(VFK1346) and two Step Up Rings (VFK1659, VFK1660) to CC Filter Holder as shown in figure.
- 3. Set the 72mm Attachment Ring (VFK1809) to front of the Lens.
- 4. Set the CC Filter Holder with Step-up & down Rings to 72mm Attachment Ring (VFK1809).

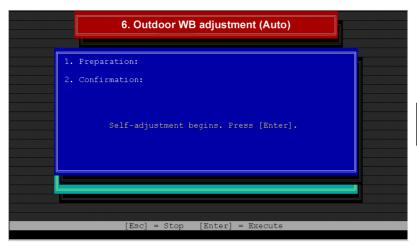


- 5. Aim the unit at Grayscale Chart under the Halogen lamp condition (3100K, 2000Lux).
- 6. Open the "Camera adjustment menu".
- 7. Select "7. White Balance adjustment" in the Camera adjustment menu, and then press the "Enter" key.
- 8. Select "6.Outdoor (5100K) WB adjustment (Auto)" in the White balance adjustment menu, and then press the "Enter" key.



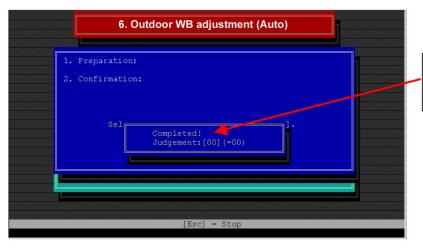
PRESS ENTER KEY.





PRESS ENTER KEY, then adjustment is started.



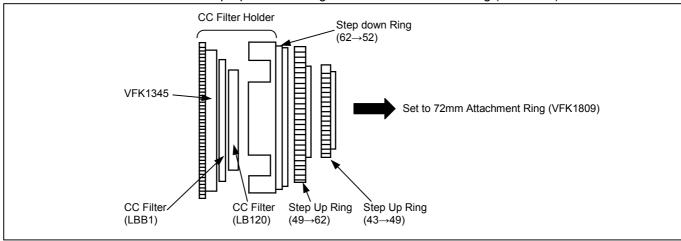


When adjustment is finished, message "Completed!" appeared and numerical value is changed "00".

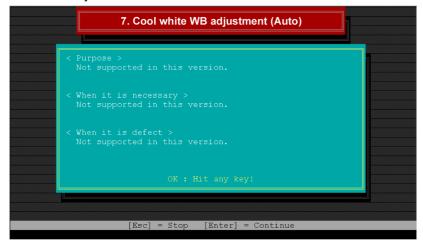
9. Press the "CAM_RESET" SW on VFK1308P , and then press the "Enter" key.

6-5-3. Cool white (4500K) White Balance Adjustment (Auto)

- 1. Set the Color Conversion filters (LB120: VFK1347) and (LBB1) to CC Filter Holder (VFK1345).
- 2. Set the one Step-down Ring(VFK1346) and two Step Up Rings (VFK1659, VFK1660) to CC Filter Holder as shown in figure.
- 3. Set the 72mm Attachment Ring (VFK1809) to front of the Lens.
- 4. Set the CC Filter Holder with Step-up & down Rings to 72mm Attachment Ring (VFK1809).

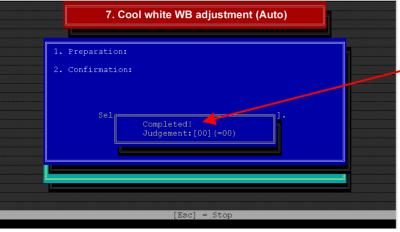


- 5. Aim the unit at Grayscale Chart under the Halogen lamp condition (3100K, 2000Lux).
- 6. Open the "Camera adjustment menu".
- 7. Select "7. White Balance adjustment" in the Camera adjustment menu, and then press the "Enter" key.
- 8. Select "7.Cool white (4500K) WB adjustment (Auto)" in the White balance adjustment menu, and then press the "Enter" key.



PRESS ENTER KEY.



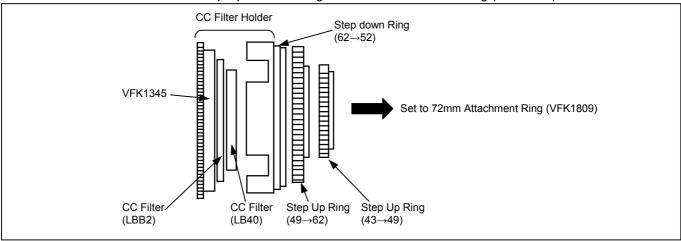


When adjustment is finished, message "Completed!" appeared and numerical value is changed "00".

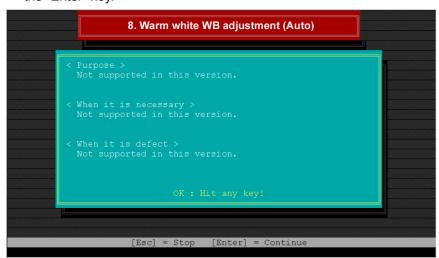
9. Press the "CAM_RESET" SW on VFK1308P, and then press the "Enter" key.

6-5-4. Wram white (3600K) White Balance Adjustment (Auto)

- 1. Set the Color Conversion filters (LB40: VFK1341) and (LBB2) to CC Filter Holder (VFK1345).
- 2. Set the one Step-down Ring(VFK1346) and two Step Up Rings (VFK1659, VFK1660) to CC Filter Holder as shown in figure.
- 3. Set the 72mm Attachment Ring (VFK1809) to front of the Lens.
- 4. Set the CC Filter Holder with Step-up & down Rings to 72mm Attachment Ring (VFK1809).

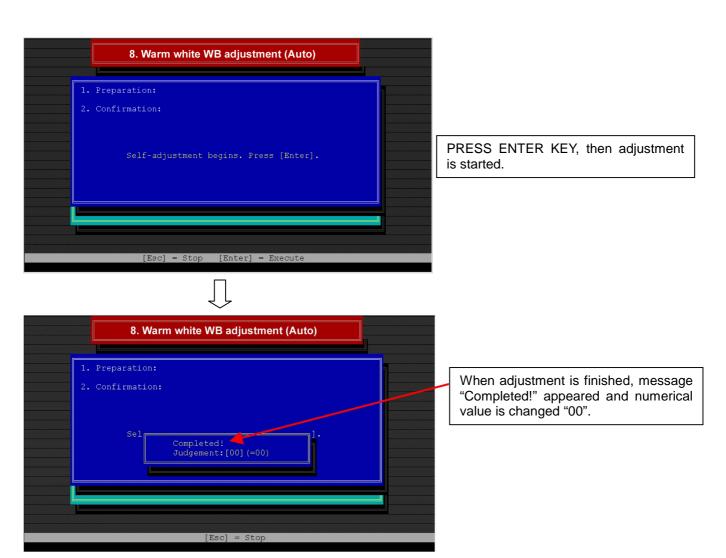


- 5. Aim the unit at Grayscale Chart under the Halogen lamp condition (3100K, 2000Lux).
- 6. Open the "Camera adjustment menu".
- 7. Select "7.White Balance adjustment" in the Camera adjustment menu, and then press the "Enter" key.
- 8. Select "8.Wram white (3600K) WB adjustment (Auto)" in the White balance adjustment menu, and then press the "Enter" key.



PRESS ENTER KEY.





9. Press the "CAM_RESET" SW on VFK1308P, and then press the "Enter" key.

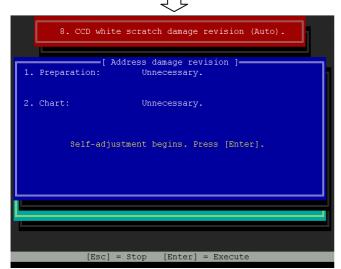
6-6. CCD white scratch damage revision Adjustment (AUTO)

This adjustment can be adjust automatically.

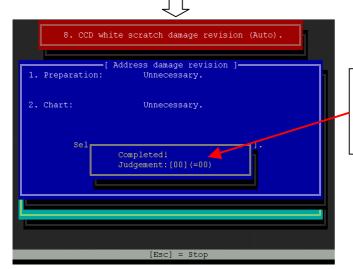
- 1. Open the "Camera adjustment menu".
- 2. Select "8.CCD white scratch damage revision adjustment (Auto)" in the Camera adjustment menu, and then press the "Enter" key.
- 3. Set to CAMERA mode in AG-DVX100 follow the message "Manually set to CAMERA mode.", and then press the "Enter" key.



PRESS ENTER KEY.



PRESS ENTER KEY, then adjustment is started.



When adjustment is finished, message "Completed!" appeared and numerical value is changed "00".

The program goes to Camera adjustment menu automatically.

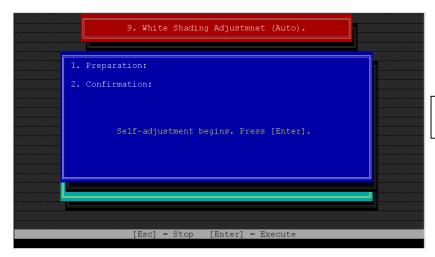
6-7. White Shading Adjustment

This adjustment can be adjust automatically.

- 1. Set the GAIN SW to L (0dB) of AG-DVX100.
- 2. Open the SW mode menu in CAMERA menu.
- 3. Select the item "ATW" and set to OFF.
- 4. Open the SCENE FILE menu in CAMERA menu.
- 5. Confirm that the set to OFF on item PROGRESSIVE in SCENE FILE menu.
- 6. Aim the unit at white paper (it can be use clear white paper) under the Halogen lamp condition.
- 7. Shoot the white paper to become fully screen.
- 8. Set the White Balance by press AWB SW and confirm that the message "AWB OK" on center of screen.
- 9. Open the DISPLAY SETUP menu in CAMERA menu.
- 10. Select the item "MARKER" and set to ON.
- 11. Press the ZEBRA SW and confirm that the marker is appears on screen.
- 12. Adjust the Iris dial to the luminance level to become 70 to 80% (luminance level can be confirm by numerical value, which displayed lower left corner of screen.
- 13. Open the "Camera adjustment menu".
- 14. Select "9. White Shading Adjustment (Auto)" in the Camera adjustment menu, and then press the "Enter" key.
- 15. Set to CAMERA mode in AG-DVX100 follow the message "Manually set to CAMERA mode.", and then press the "Enter" key.

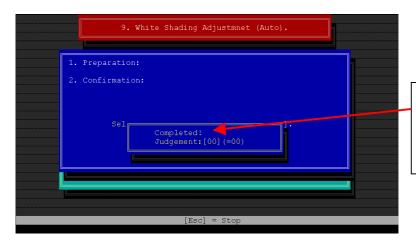


PRESS ENTER KEY.



PRESS ENTER KEY, then adjustment is started.





When adjustment is finished, message "Completed!" appeared and numerical value is changed "00".

The program goes to Camera adjustment menu automatically.

7. VTR ADJUSTMENT PROCEDURE

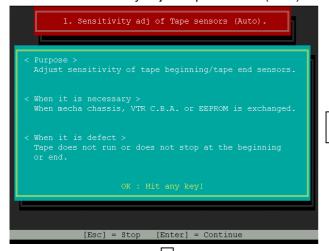
Be sure to save the VTR EEPROM data into the Personal Computer, before performing adjustment.

Perform the all PC-EVR adjustments, by referring to procedures on PC screen.

7-1. Sensitivity adj of Tape sensors Adjustment (AUTO)

This adjustment can be adjust automatically.

- 1. Insert the Tape End/Beg. Sensor Cassette (VFK1217) into the Unit.
- 2. Open the "Video adjustment menu".
- 3. Select "1. Sensitivity adj of Tape sensors (Auto)" in the Video adjustment menu, and then press the "Enter" key.



PRESS ENTER KEY.



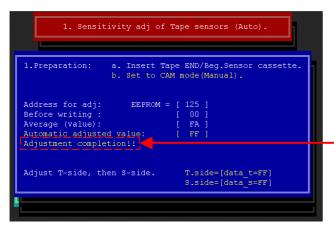
Unnecessary open the door, PRESS ENTER KEY.

4. Set to CAMERA mode in AG-DVX100 follow the message "Manually set to CAMERA mode.", and then press the "Enter" key.



In case of the "Tape END/Beg. Sensor cassette(VFK1217) is already inserted, PRESS ENTER KEY.



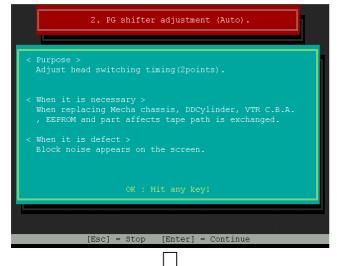


Please confirm this message appeared on screen, then adjustment is finished.

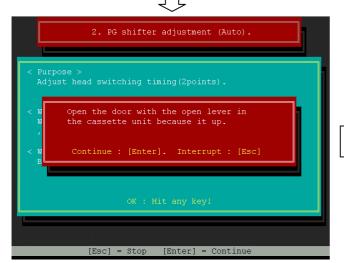
7-2. PG shifter Adjustment (AUTO)

This adjustment can be adjust automatically.

- 1. Connect the oscilloscope to "HID" and "SPA" on the VFK1308P.
- 2. Insert the DV color bar alignment tape(VFM3010EDS) into the Unit.
- 3. Open the "Video adjustment menu".
- 4. Select "2.PG shifter adjustment (Auto)" in the Video adjustment menu, and then press the "Enter" key.
- 5. Set to VCR mode in AG-DVX100 follow the message "Manually set to VCR mode.", and then press the "Enter" key.



PRESS ENTER KEY.



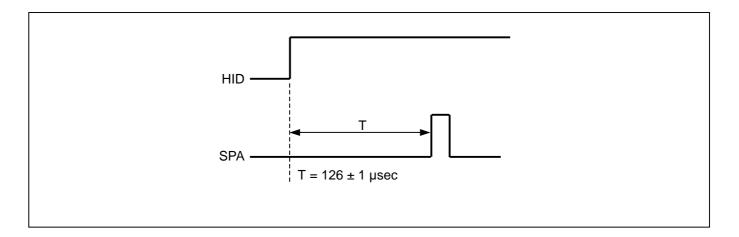
Unnecessary open the door, PRESS ENTER KEY.





In case of the "DV color bar alignment tape (VFM3010EDS) is already inserted, PRESS ENTER KEY, then adjustment is started.

After finish adjustment, please confirm portion "T" is within the specification as shown in figure.



7-3. Luminance level Adjustment

- 1. Connect the WFM to VIDEO OUT.
- 2. Open the "Video adjustment menu".
- 3. Select "3.Luminance level adjustment" in the Video adjustment menu, and then press the "Enter" key.
- 4. Set to CAMERA mode in AG-DVX100 follow the message "Manually set to CAMERA mode.", and then press the "Enter" key.



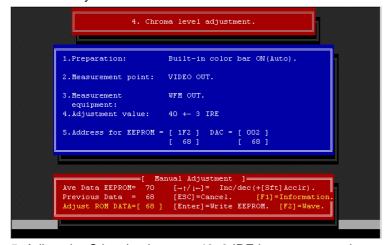
5. Adjust the Y level to become 100±2 IRE by press arrow keys.

Note:

- 1) Y level can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 6. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

7-4. Chroma level Adjustment

- 1. Connect the WFM to VIDEO OUT.
- 2. Open the "Video adjustment menu".
- 3. Select "4.Chroma level adjustment" in the Video adjustment menu, and then press the "Enter" key.
- 4. Set to CAMERA mode in AG-DVX100 follow the message "Manually set to CAMERA mode.", and then press the "Enter" key.



5. Adjust the C level to become 40±3 IRE by press arrow keys.

- 1) C level can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 6. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

8. LCD ADJUSTMENT PROCEDURE

Be sure to save the VTR EEPROM data into the Personal Computer, before performing adjustment.

Perform the all PC-EVR adjustments, by referring to procedures on PC screen.

Note: Set to CAMERA mode in AG-DVX100.

8-1. PLL Adjustment

- 1. Connect the oscilloscope to "NON_PLL" on the VFK1308P.
- 2. Open the "LCD adjustment menu".
- 3. Select "1.PLL adjustment" in the LCD adjustment menu, and then press the "Enter" key.

```
1. PLL adjustment.
1.Preparation:
                      Built-in 10-Step signal ON(AUTO).
2.Measurement point: [ MON PLL ]
                      Oscilloscope.
3.Measurement.
  equipment:
4.Adjustment value:
                      T = 2.2 +- 0.1usec
                      EEPROM = [ 1F6 ] DAC = [ 006 ]
5.Address for adi :
  Current value
                                [ 48 ]
                                              [ 48 ]
                   Manual Adjustment
Ave Data EEPROM= 80
                       [→↑/↓←]= Inc/dec(+[Sft]Acclr).
                        [ESC]=Cancel.
Previous Data =
                        [Enter]=Write EEPROM.
```

4. Adjust the width (T) to become 2.2±0.1µsec as shown in figure.

Note:

- 1) Width (T) can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 5. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

8-2. Pedestal Level Adjustment

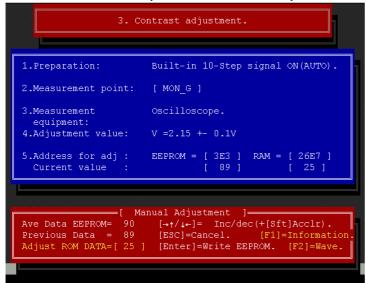
- 1. Connect the oscilloscope to "MON_G" on the VFK1308P.
- 2. Open the "LCD adjustment menu".
- 3. Select "1.PLL adjustment" in the LCD adjustment menu, and then press the "Enter" key.

```
2. Pedestal Level adjustment.
                           Built-in 10-Step signal ON(AUTO).
1.Preparation:
2.Measurement point: [ MON_G ]
3.Measurement
                           Oscilloscope.
  equipment:
4.Adjustment value:
                          V = 8.0 + 0.1V
                           EEPROM = [ 3E0 ]
5.Address for adj :
                                                RAM = [26E4]
  Current value
                                                        [ 00 ]
                       Manual Adjustment
Ave Data EEPROM= 49
Previous Data = 4D
                            [\rightarrow\uparrow/\downarrow\leftarrow]= Inc/dec(+[Sft]Acclr).
[ESC]=Cancel. [F1]=Informat
Adjust ROM DATA=[ 00 ]
                            [Enter]=Write EEPROM. [F2]=Wave
```

- 4. Adjust the differential amplitude both 0 step-level (portion "a" in figure) to become 8.0±0.1V as shown in figure. **Note:**
- 1) Level (a) can be by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 5. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

8-3. Contrast Adjustment

- 1. Connect the oscilloscope to "MON_G" on the VFK1308P.
- 2. Open the "LCD adjustment menu".
- 3. Select "3. Contrast adjustment" in the LCD adjustment menu, and then press the "Enter" key.



4. Adjust the differential amplitude between 0 step-level and 7 step-level (portion "V" in figure) to become 2.15±0.1V as shown in figure.

- 1) Level (V) can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 5. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

8-4. Sub contrast Adjustment

- 1. Connect the oscilloscope to "MON_CB" and "MON_G" on the VFK1308P.
- 2. Open the "LCD adjustment menu".
- 3. Select "4.Sub contrast adjustment" in the LCD adjustment menu, and then press the "Enter" key.

```
4. Sub contrast adjustment.

1.Preparation: Built-in 10-Step signal ON(AUTO).

2.Measurement point: [MON_CB],[MON_G]

3.Measurement Oscilloscope.
equipment:
4.Adjustment value: a - b = 0 +- 50mV

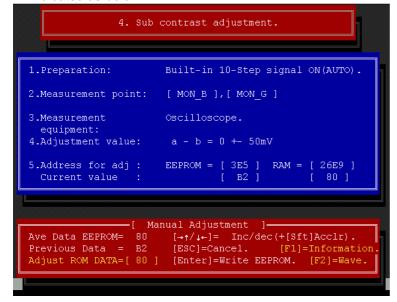
5.Address for adj : EEPROM = [3E4] RAM = [26E8]
Current value : [A2] [04]

Ave Data EEPROM= 80 [-+↑/↓+-]= Inc/dec(+[Sft]Acclr).
Previous Data = A2 [ESC]=Cancel. [F1]=Information.
Adjust ROM DATA=[04] [Enter]=Write EEPROM. [F2]=Wave.
```

4. Adjust level difference between "a" (MON_CB) and "b" (MON_G) to become 0±50mV as shown in figure.

Note:

- 1) Signal level can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 5. When adjustment is finished, press ENTER key to adjusted data write to EEPROM, then change the display indicated as below.



- 6. Connect the oscilloscope to "MON_B" and "MON_G" on the VFK1308P.
- 7. Adjust level difference between "a" (MON_B) and "b" (MON_G) to become 0±50mV as shown in figure.

- 1) Signal level can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 8. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

8-5. White balance Adjustment

- 1. Connect the oscilloscope to "MON_CB" and "MON_G" on the VFK1308P.
- 2. Open the "LCD adjustment menu".
- 3. Select "5.White balance adjustment" in the LCD adjustment menu, and then press the "Enter" key.

```
1.Preparation: Built-in 10-Step signal ON(AUTO).

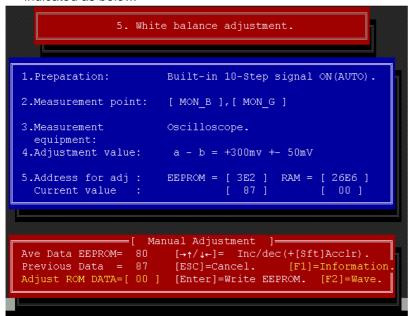
2.Measurement point: [ MON_CB ], [ MON_G ]

3.Measurement Oscilloscope.
equipment:
4.Adjustment value: a - b = +50mv +- 50mv

5.Address for adj : EEPROM = [ 3E1 ] RAM = [ 26E5 ]
Current value : [ 79 ] [ 02 ]

Ave Data EEPROM= 80 [→↑/↓←]= Inc/dec(+[Sft]Acclr).
Previous Data = 79 [ESC]=Cancel. [F1]=Information.
Adjust ROM DATA=[ 02 ] [Enter]=Write EEPROM. [F2]=Wave.
```

- 4. Adjust level difference between "a" (MON_CB) and "b" (MON_G) to become +50mV±50mV as shown in figure. **Note:**
- 1) Signal level can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 5. When adjustment is finished, press ENTER key to adjusted data write to EEPROM, then change the display indicated as below.



- 6. Connect the oscilloscope to "MON_B" and "MON_G" on the VFK1308P.
- 7. Adjust level difference between "a" (MON_B) and "b" (MON_G) to become +300mV±50mV as shown in figure. **Note:**
- 1) Signal level can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 8. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

9. EVF ADJUSTMENT PROCEDURE

Be sure to save the VTR EEPROM data into the Personal Computer, before performing adjustment.

Perform the all PC-EVR adjustments, by referring to procedures on PC screen.

Note: Set to CAMERA mode in AG-DVX100.

9-1. EVF PLL Adjustment

- 1. Connect the oscilloscope to "F_OE" on the VFK1308P.
- 2. Open the "EVF adjustment menu".
- Select "1.PLL adjustment" in the EVF adjustment menu, and then press the "Enter" key.

```
1. PLL adjustment.

1. Preparation: Built-in 10-Step signal ON(AUTO).

2. Measurement point: [F_OE]
3. Measurement- Oscilloscope. equipment:
4. Adjustment value: T = 2.3 +- 0.1usec

5. Address for adj: EEPROM = [1F5] DAC = [005]
Current value: [B6] [B6]

Ave Data EEPROM= 80 [-+/4-]= Inc/dec(+[Sft]Acclr).
Previous Data = B6 [ESC]=Cancel. [F1]=Information.
Adjust ROM DATA=[B6] [Enter]=Write EEPROM. [F2]=Wave.
```

4. Adjust the width (T) to become 2.3±0.1µsec as shown in figure.

Note:

- 1) Width (T) can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 5. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

9-2. EVF Contrast Adjustment

- 1. Connect the oscilloscope to "VCC9" on the VFK1308P.
- 2. Open the "EVF adjustment menu".
- 3. Select "2.Contrast adjustment" in the EVF adjustment menu, and then press the "Enter" key.

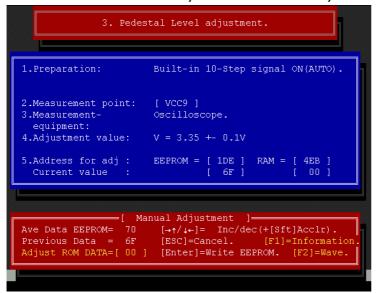
```
1.Preparation:
                      Built-in 10-Step ON(AUTO).
2.Measurement point:
                     [ VCC9 ]
3.Measurement-
                      Oscilloscope.
  equipment:
4.Adjustment value:
                     V = 1.95 + 0.1V
5.Address for adj :
                      EEPROM = [ 1BF ]
                               [ 45 ]
                      [sc]=Cancel. [F1]=Treform.
                   Manual Adjustment
Ave Data EEPROM= 45
Previous Data =
 djust ROM DATA=[ 70 ]
                      [Enter]=Write EEPROM.
```

4. Adjust the differential amplitude between 1 step-level and 10 step-level (portion "V" in figure) to become 1.95±0.1V as shown in figure.

- 1) Level (V) can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 5. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

9-3. EVF Pedestal Level Adjustment

- 1. Connect the oscilloscope to "VCC9" on the VFK1308P.
- 2. Open the "EVF adjustment menu".
- 3. Select "3.Pedestal Level adjustment" in the EVF adjustment menu, and then press the "Enter" key.



4. Adjust the differential amplitude both 10 step-level (portion "V" in figure) to become 3.35±0.1V as shown in figure.

- 1) Level (V) can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 5. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

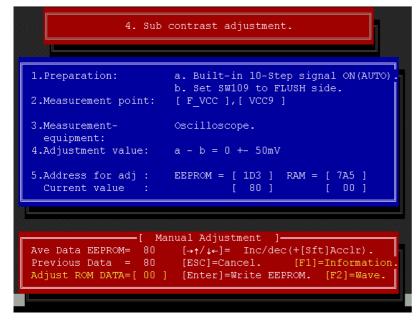
9-4. EVF Sub contrast Adjustment

- 1. Set SW109 to "FLUSH" side on the VFK1308P.
- 2. Connect the oscilloscope to "VCC41" and "VCC9" on the VFK1308P.
- 3. Open the "EVF adjustment menu".
- 4. Select "4.Sub contrast adjustment" in the EVF adjustment menu, and then press the "Enter" key.

```
4. Sub contrast adjustment.
1.Preparation:
                         a .Built-in 10-Step signal ON(AUTO)
                         b. Set SW109 to FLUSH side.
2.Measurement point:
                         [ VCC41 ],[ VCC9 ]
3.Measurement-
                         Oscilloscope.
4.Adjustment value:
                         a - b = 0 + 50mV
5.Address for adj :
                                            RAM = [7A3]
                                     80 1
                     Manual Adjustment
                          [\rightarrow\uparrow/\downarrow\leftarrow]= Inc/dec(+[Sft]Acclr).
                          [ESC]=Cancel.
                                              [F1]=Information
Adjust ROM DATA=[ 83 ] [Enter]=Write EEPROM.
```

5. Adjust level difference between "a" (VCC41) and "b" (VCC9) to become 0±50mV as shown in figure.

- 1) Signal level can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 6. When adjustment is finished, press ENTER key to adjusted data write to EEPROM, then change the display indicated as below.



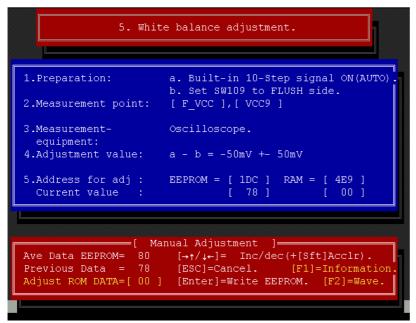
- 7. Connect the oscilloscope to "F_VCC" and "VCC9" on the VFK1308P.
- 8. Adjust level difference between "a" (F_VCC) and "b" (VCC9) to become 0±50mV as shown in figure. **Note:**
- 1) Signal level can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 9. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

9-5. EVF White balance Adjustment

- 1. Set SW109 to "FLUSH" side on the VFK1308P.
- 2. Connect the oscilloscope to "VCC41" and "VCC9" on the VFK1308P.
- 3. Open the "EVF adjustment menu".
- 4. Select "5.White balance adjustment" in the EVF adjustment menu, and then press the "Enter" key.

```
5. White balance adjustment.
1.Preparation:
                        a. Built-in 10-Step signal ON(AUTO)
                        b. Set SW109 to FLUSH side.
2.Measurement point:
3.Measurement-
                       Oscilloscope.
  equipment:
4.Adjustment value:
                        a - b = -200mV + 50mV
                        EEPROM = [ 1DD ] RAM = [ 4EA ]
5.Address for adj :
  Current value :
                    Manual Adjustment
Ave Data EEPROM= 80
Previous Data = 73
                                            [F1]=Informatio
Adjust ROM DATA=[ 0C ] [Enter]=Write EEPROM.
```

- 5. Adjust level difference between "a" (VCC41) and "b" (VCC9) to become -200mV±50mV as shown in figure. **Note:**
- 1) Signal level can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 6. When adjustment is finished, press ENTER key to adjusted data write to EEPROM, then change the display indicated as below.



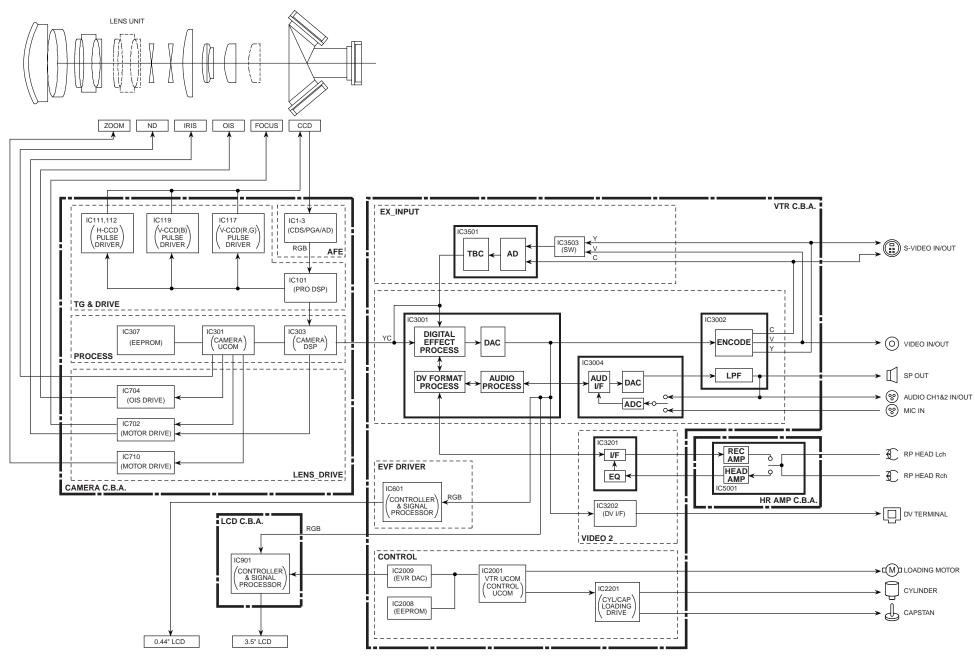
- 7. Connect the oscilloscope to "F_VCC" and "VCC9" on the VFK1308P.
- 8. Adjust level difference between "a" (F_VCC) and "b" (VCC9) to become -50mV±50mV as shown in figure. **Note:**
- 1) Signal level can be adjusted by press arrow keys on keyboard.
- 2) Waveform (figure) can be displayed by press F2 key.
- 9. When adjustment is finished, press ENTER key to adjusted data write to EEPROM.

BLOCK DIAGRAMS

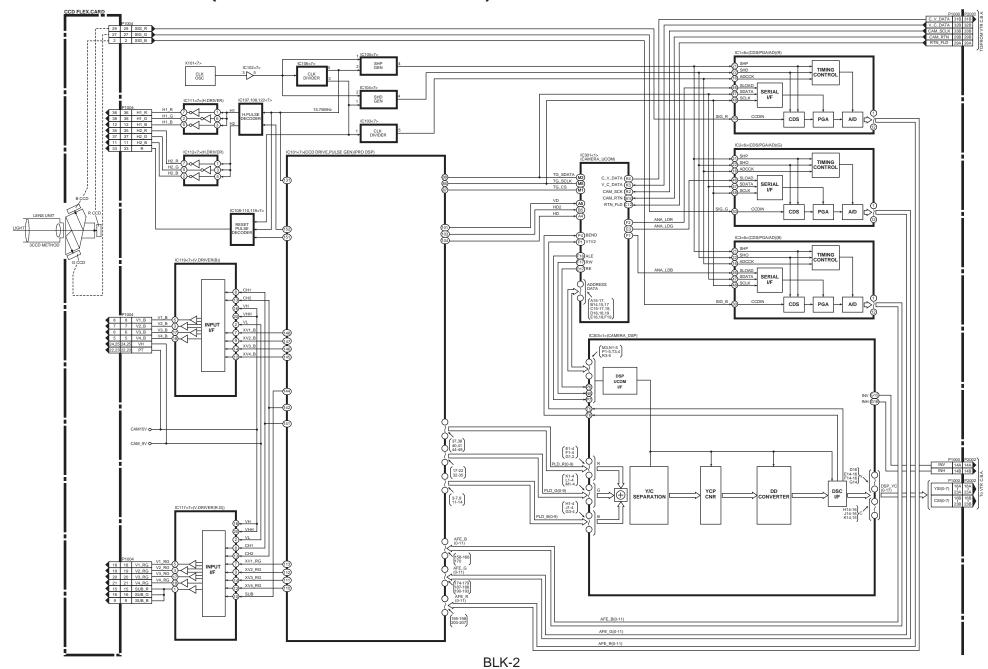
CONTENTS

OVERALL BLOCK DIAGRAM	BLK-1
SENSOR/PROCESS (AFE / TG & DRIVE / PROCESS) BLOCK DIAGRAM	BLK-2
LENS DRIVE (LENS DRIVE / PROCESS) BLOCK DIAGRAM	BLK-3
VIDEO (VIDEO 1/ VIDEO 2/ EX_INPUT) BLOCK DIAGRAM	BLK-4
MONITOR (EVF DRIVER / LCD) BLOCK DIAGRAM	BLK-5
CONTROL (CONTROL/DRIVE) BLOCK DIAGRAM	BLK-6

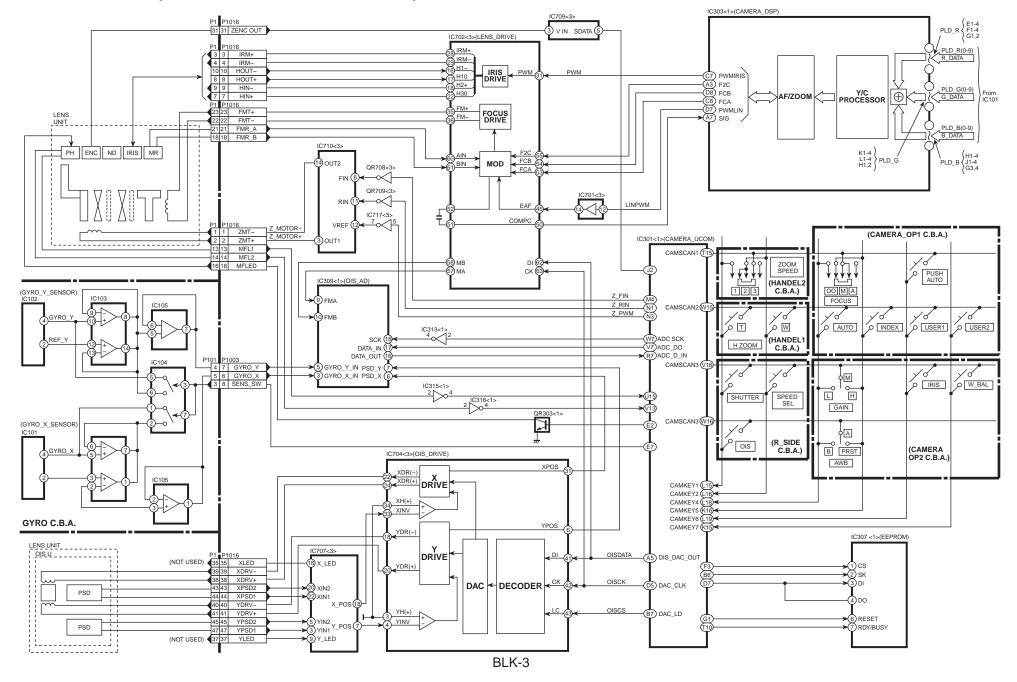
OVERALL BLOCK DIAGRAM



SENSOR/PROCESS(AFE/TG&DRIVE/PROCESS) BLOCK DIAGRAM

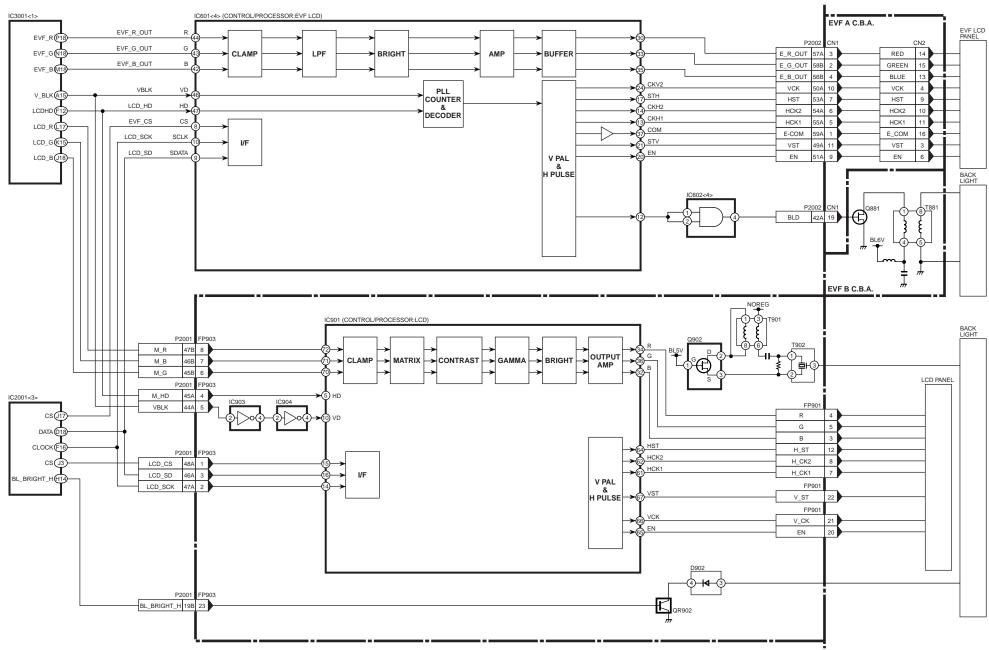


LENS DRIVE (LENS DRIVE / PROCESS) BLOCK DIAGRAM

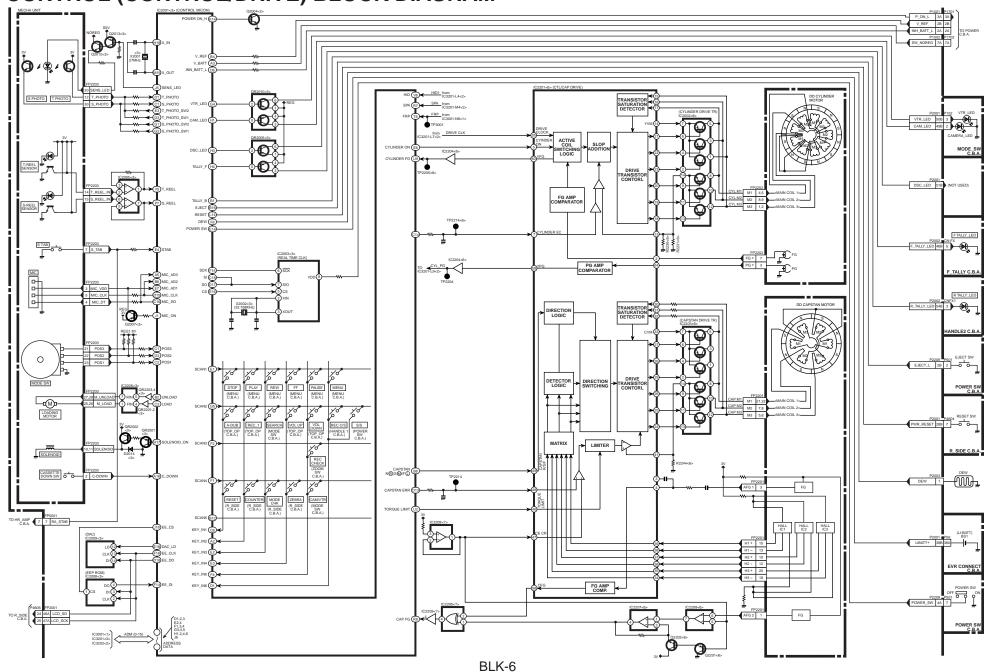


VIDEO (VIDEO 1/ VIDEO 2/ EX_INPUT) BLOCK DIAGRAM MAIN SIGNAL PATH IN REC MODE MAIN SIGNAL PATH IN PLAYBACK MODE <3>from IC2001-A15 SIF_SCK <3>from IC2001-V14 __ <3>from IC2001-T12 SIF_SDA IC3504<5> IC3501<5> (INPUT) <3>from IC2001-T13 SIF_CS IC3001<1> V_IO A7,8 B7,C7 D7,E9 F8,9 P12,13 R14,T14 U15,16 V15,16 E12,13 F14,G13-15 H14,15 P2002 P2002 P2002 P1000 P2002 P1000 P2002 P1000 P2002 P1000 P2002 P1000 U COM SDA SCK Y DATA 1 (0-7) C DATA 1 (0-7) YSI(0-7) DIGITAL EFFECT PROCESS CLK CHANGE CSI(0-7) C N11,P11 R13,T13 U13,14 V13,14 A9,B8,10 C8,9 D8,9 IC3002<1> (AV DRIVE) TBC FP2008 P4401 TO C_OUT 13 13 S_VHS TERMINAL C OUT, ATT BUFF CLAMP **1** 1 J4401 (SIDE_JACK C.B.A.) Y_OUT 11 11 AGC MIX V OUT AD CLAMP AD CIN CLK27B (U6) → N6 CLK27M → A10 CLK135M Y/C SEP Y OUT CLK135 (V8) 35 - ATT - BUFF - CLAMP P4608 (R_SIDE C.B.A.) DV FORMAT DAC S VIDEO (SP OUT1 58B 62 SP OUT 2 LINE_L LINE_R IC3004<1> (AUDIO AD/DA) TO LINE IN/OUT V I/O 15 15 LINE_L A CH1 IO 17 J4451 (SIDE_JACK C.B.A.) 0-LINE_R AMP-0 A CH2 IO 19 1: **→** AMP - **○**-MIC_L)≺ AMP - ○ AMP-0-CH1_MIC_OUT 5 3 — from MIC_CH1 C.B.A. MIC_R (6) CH2_MIC_OUT 7 3 — from MIC_CH2 C.B.A. P4001 DAC BCLK →23 → AUDIO SDTO I/F AUDIO ADC 25. SBA_DI from IC2001-P12<3: SDTI PROCESS IC3201<2> (RI0) IC5001<1> (HEAD/REC-AMP) P5001 CH2F RP Rch CH2S DBR(0-3) FP5001 AGC ENCODER CH1S **←** ⇒ I/F RP Lch CH1F AGC DET FP500 VITABI EQ RF AMP -o-RF_AGCOUT 9 9 AGC F10-12,G11,12,H11,12 J10-12,K12,L11,12,M10-12 FP5001 ►A10 CLK27A LOGIC HID1 D1-3,E2,4 F1,3,4 G3,5 H1,2,6,J6 HR_AMP C.B.A IC3202<2> (PLANET) ADM(0-15) TO/FROM A4 CLK27A D7,10,E8-10 F6,F8-10 G8,9,H8-10 J9,K10 **J**3 XI DATA/ADDRESS TPB-TPB-TO DV TERMINAL TPB+ DV I/F TPB+ 7 7 TPA-J4401 (SIDE JACK C.B.A.) TPA-TPA+ TPA+ BLK-4

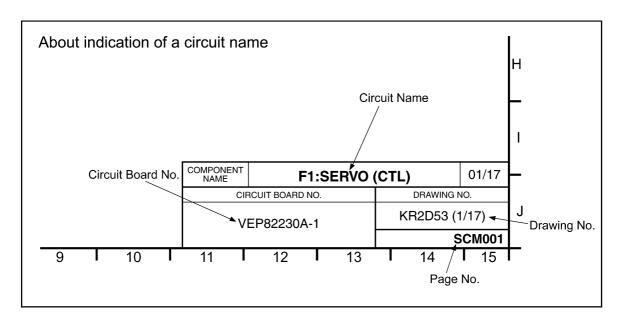
MONITOR (EVF DRIVER / LCD) BLOCK DIAGRAM



CONTROL (CONTROL/DRIVE) BLOCK DIAGRAM



SCHEMATIC DIAGRAMS



NOTE:

BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION 8

CAUTION

THE MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.

PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

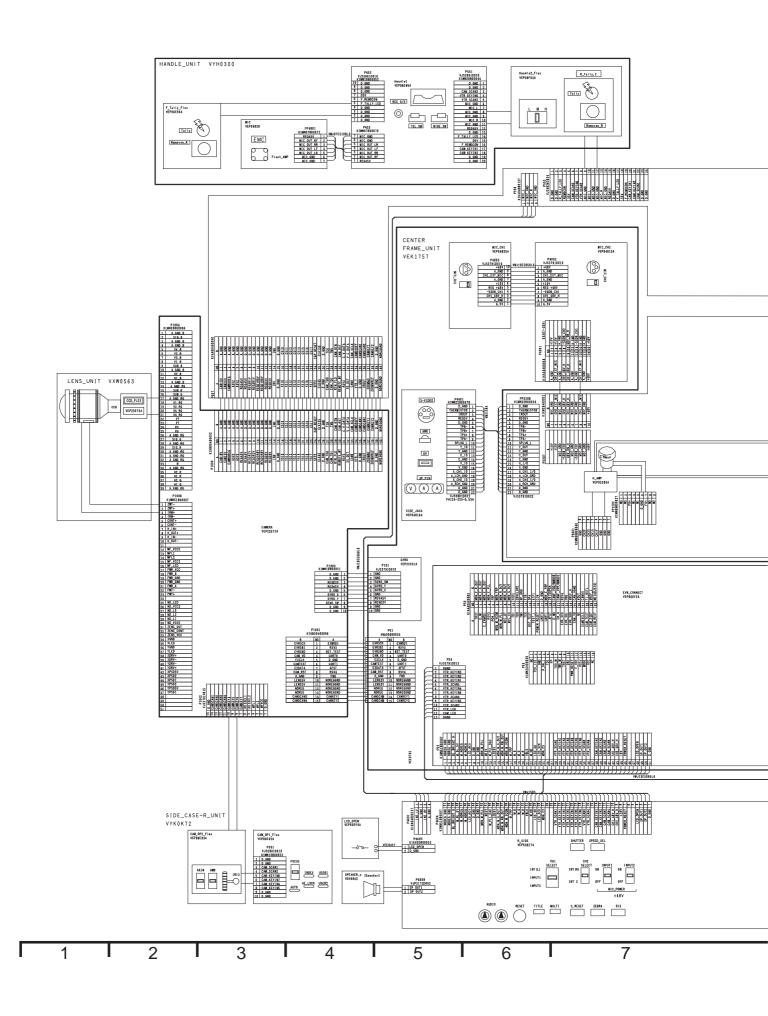
IMPORTANT SAFETY NOTICE:

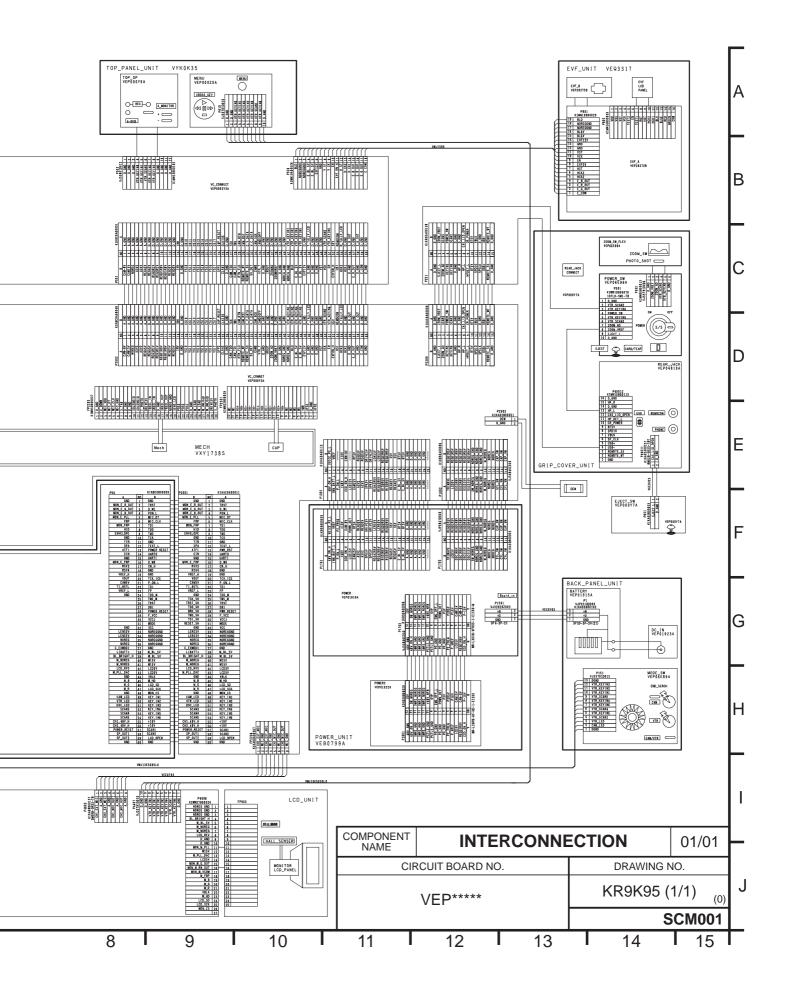
COMPONENTS IDENTIFIED WITH THE MARK A HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

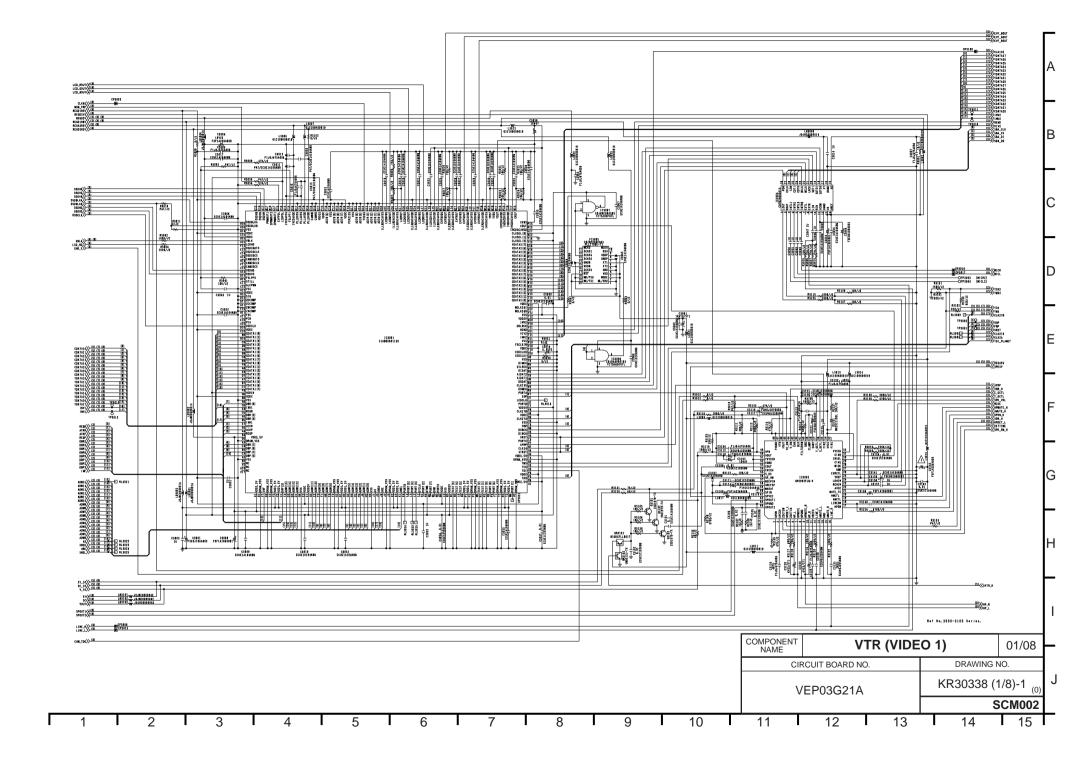
CONTENTS

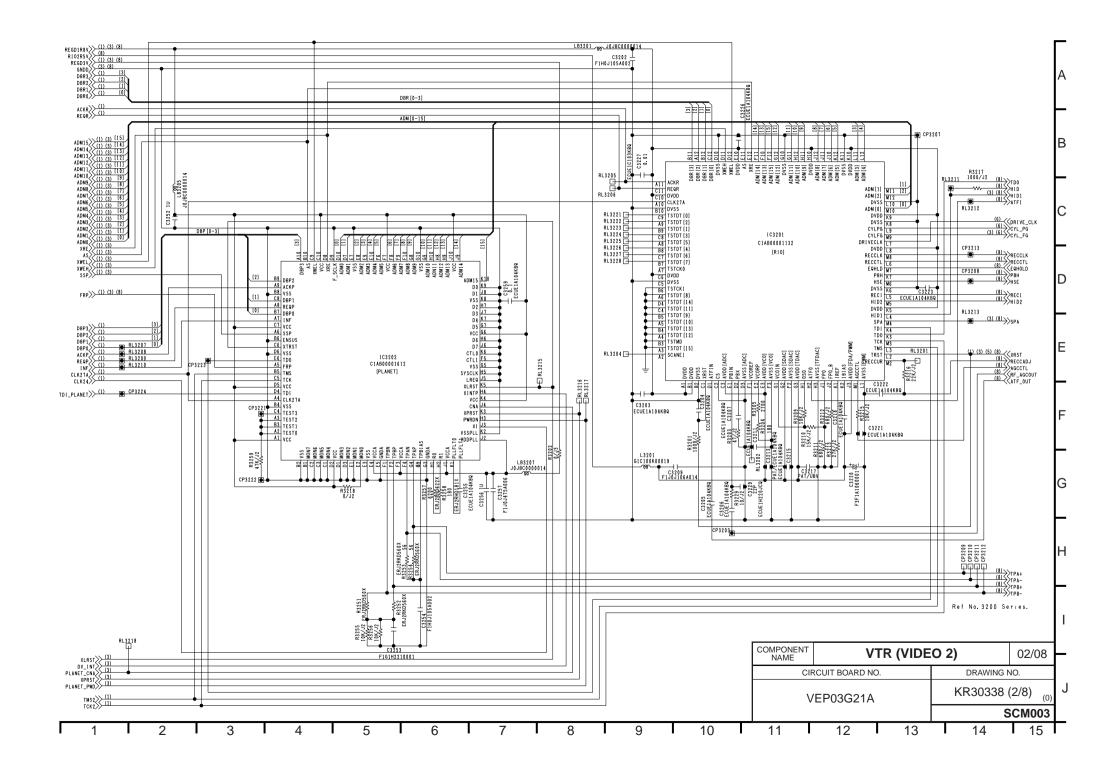
INTERCONNTION		HANDLE 2	
INTERCONNTION (1/1)	SCM001	HANDLE 2 (1/1)SC	:M027
VTR		MIC	
VTR (VIDEO 1) (1/8)	SCM002	MIC (1/1) SC	M028
VTR (VIDEO 2) (2/8)			
VTR (CONTROL) (3/8)	SCM004		
VTR (EVF DRIVER) (4/8)	SCM005	EVR CONNECT	
VTR (EX_INPUT) (5/8)			
VTR (DRIVE) (6/8)		EVR CONNECT (1/1) SC	M029
VTR (DSC) (7/8)			
VTR (CN) (8/8)	SCM009		
		VC_CONNECT	
		VC_CONNECT (1/1)SC	M030
CAMERA		. ,	
CAMERA (PROCESS) (1/7)	SCM010		
CAMERA (LENS_DRIVE) (3/7)		REAR JACK CONNECT FLEX	
CAMERA (SUB_CN) (4/7)	SCM012		1004
CAMERA (AFE) (6/7)		REAR JACK CONNECT FLEX (1/1) SC	IVIUS I
CAMERA (TG & DRIVE) (7/7)	SCM014		
		DEAD IACK	
NOTE : CAMERA SCHEMATIC DIAGRAMS 2/7	and 5/7 are	REAR JACK	
not used.		REAR JACK (1/1) SC	:M032
		DOWED CW	
POWER		POWER SW	
POWER (1/2)	SCM015	POWER SW (1/1)SC	:M033
POWER (2/2)			
		TOP OP	
POWER 2		TOP OP (1/1)SC	:M034
POWER 2 (1/1)	SCM017		
		GYRO	
HR AMP		GYRO (1/1) SC	M035
HR AMP (1/1)	SCM018		
, ,			
		SIDE JACK	
R SIDE		SIDE JACK (1/3)SC	
R SIDE (1/3)	SCM019	SIDE JACK (1/3)SC	M037
R SIDE (2/3)		SIDE JACK (1/3)SC	:M038
R SIDE (3/3)	SCM021		
` '			
		MIC CH2	
CAMERA OP1		MIC CH2 (1/1) SC	M039
CAMERA OP1 (1/1)	SCM022		
, , ,	-		
		MIC CH1	
CAMERA OP2		MIC CH1 (1/1)SC	M040
CAMERA OP2 (1/1)	SCM023		
		MODE SW	
MENU		MODE SW (1/1)SC	M041
MENU (1/1)	SCM024		
, ,			
		BATTERY	
HANDLE 1		BATTERY (1/1)SC	M042
HANDLE 1 (1/2)	SCM025		
HANDLE 1 (2/2)			
· · · · · · · · · · · · · · · · · · ·	-	MONITOR	
		MONITOR (1/1)SC	:M043
		WOTH LOIX (1/1)	,,viO-4-0

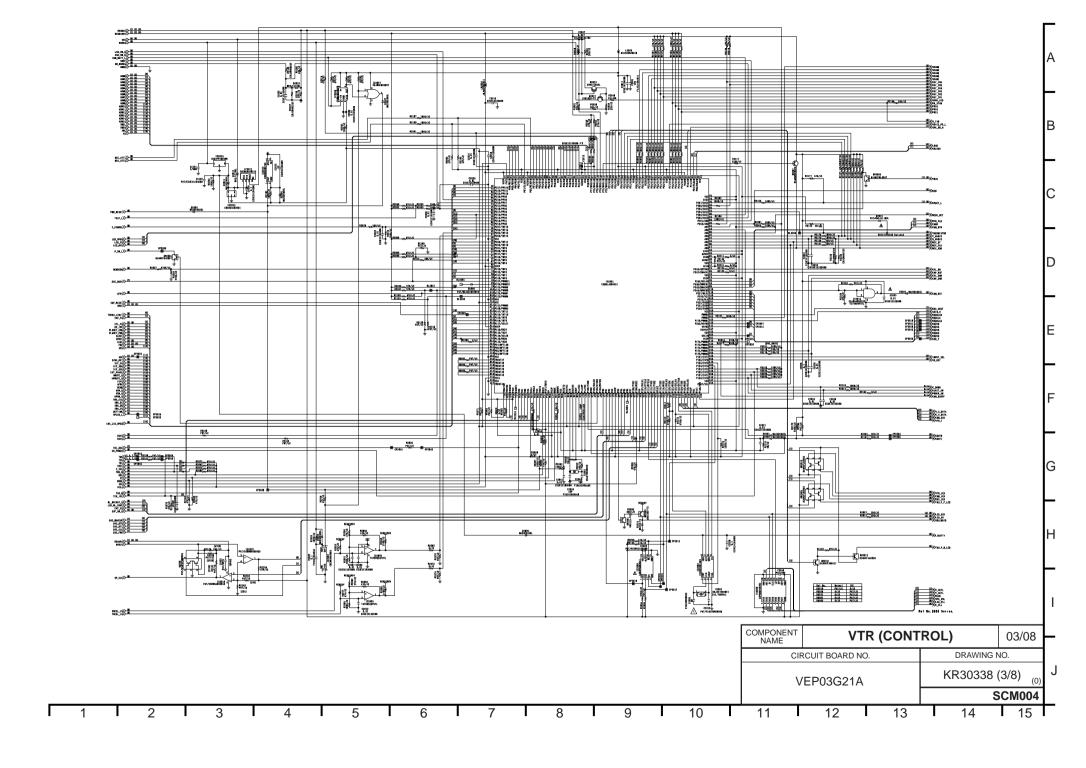
HALL SENSOR HALL SENSOR (1/1)SCM043
VTR_SUB VTR_SUB (1/1)SCM044
CAMERA SUB CAMERA SUB (1/1)SCM044
POWER SUB (1/1)SCM044
F_TALLY F_TALLY (1/1)SCM044
EVF_A EVF_A (1/1)SCM045
EVF_B EVF_B (1/1)SCM045
LCD OPEN SW LCD OPEN SW (1/1)SCM045
EJECT EJECT (1/1)SCM045
ZOOM SW ZOOM SW (1/1)SCM046
DC_IN DC_IN (1/1)SCM046

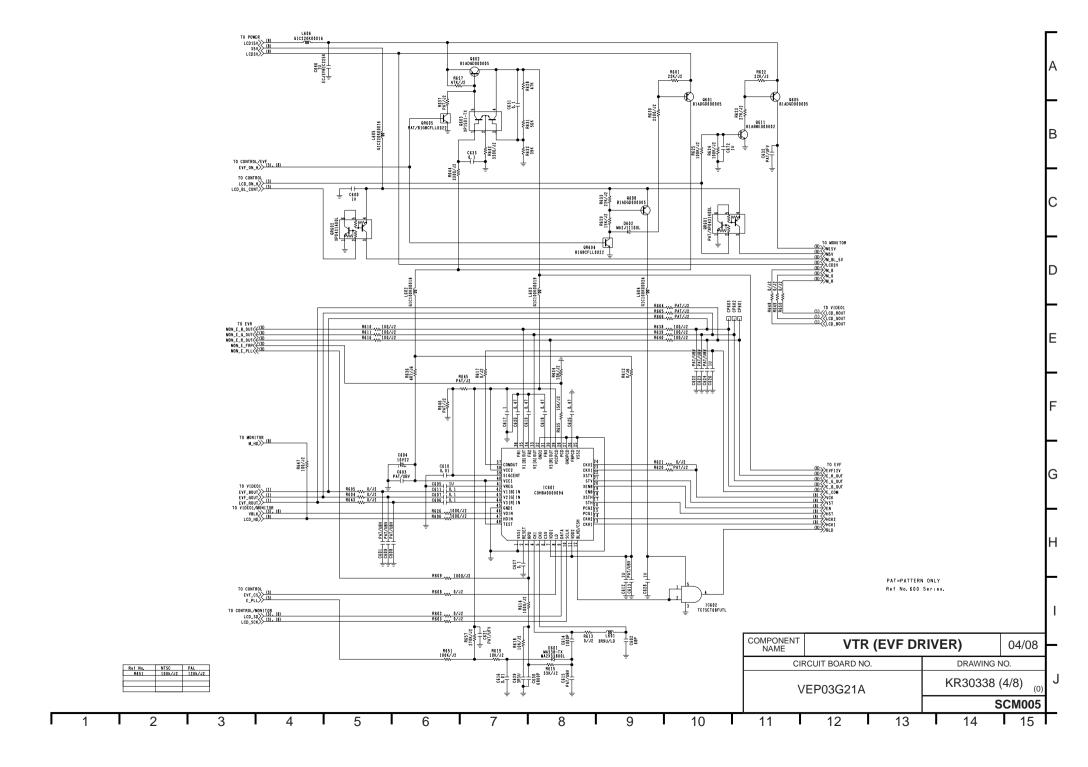


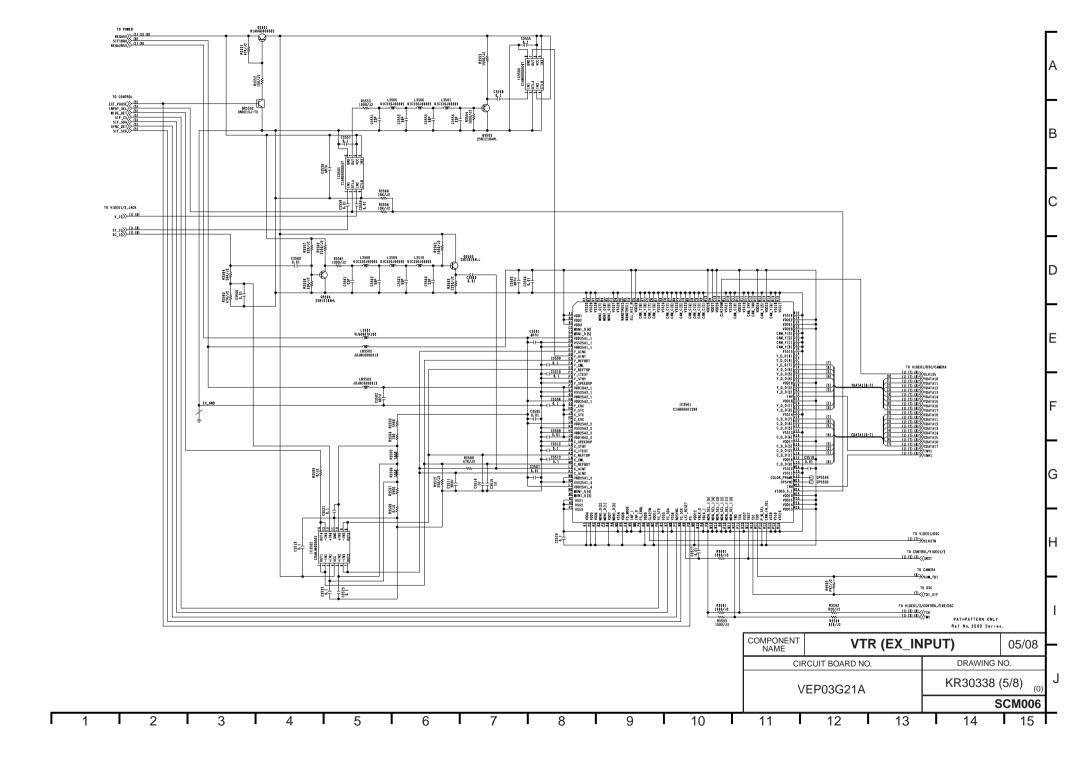


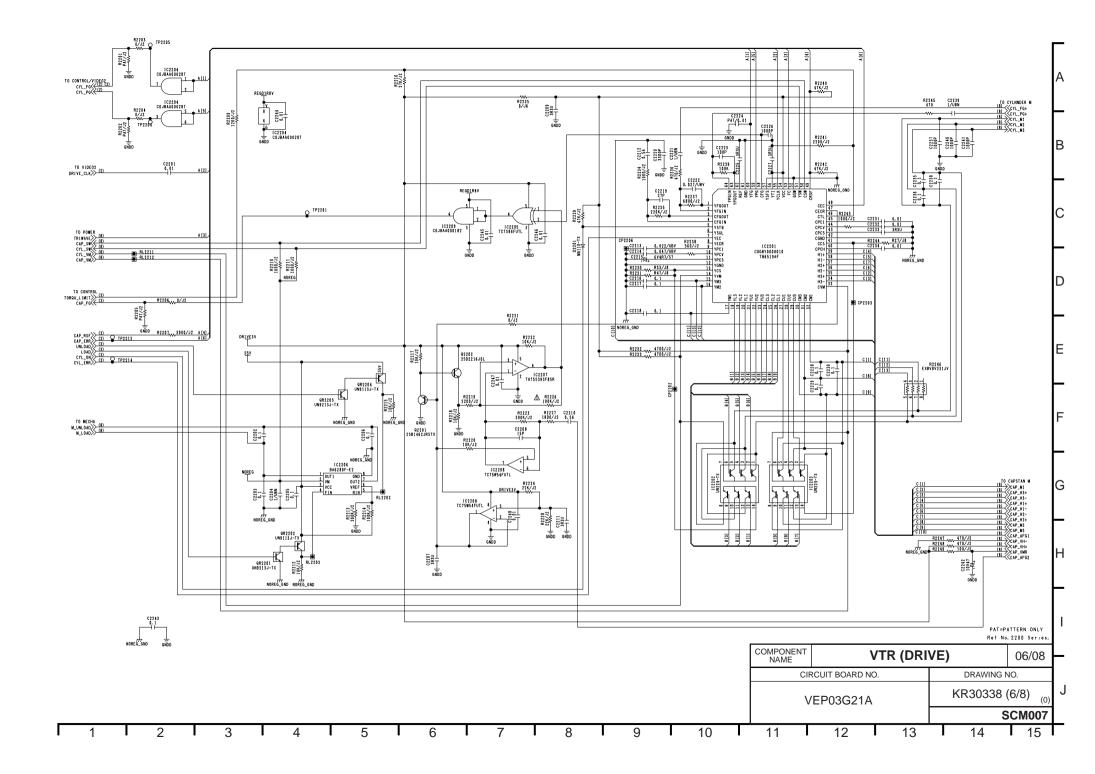


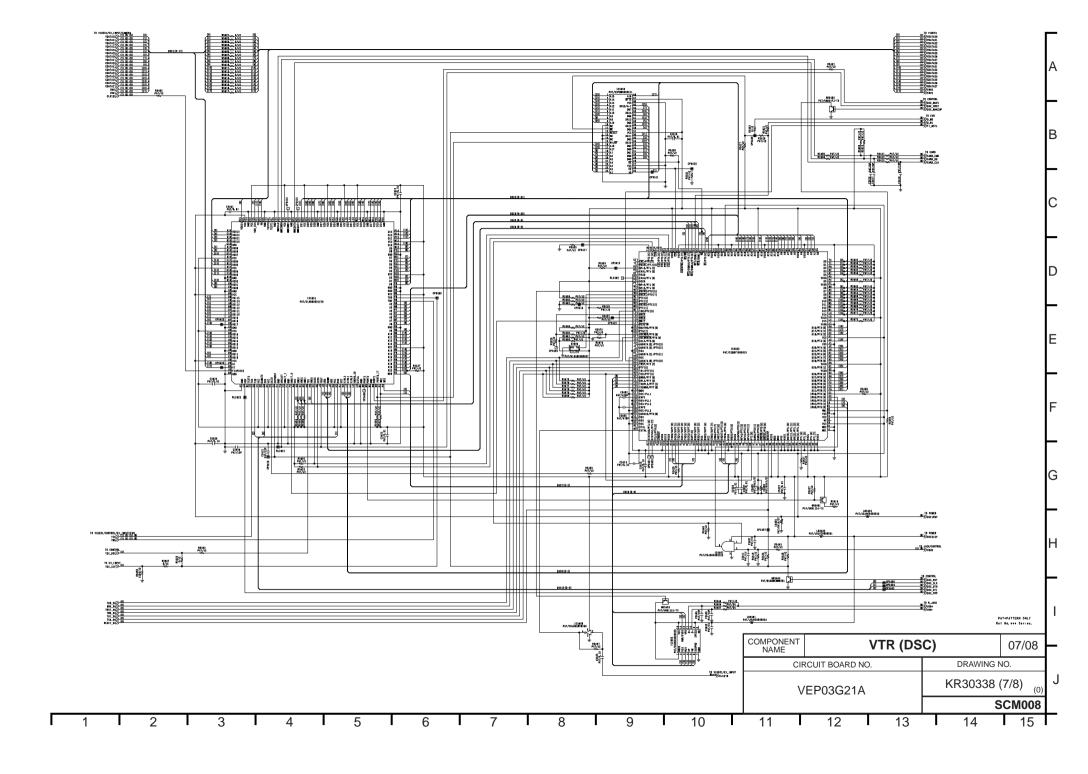


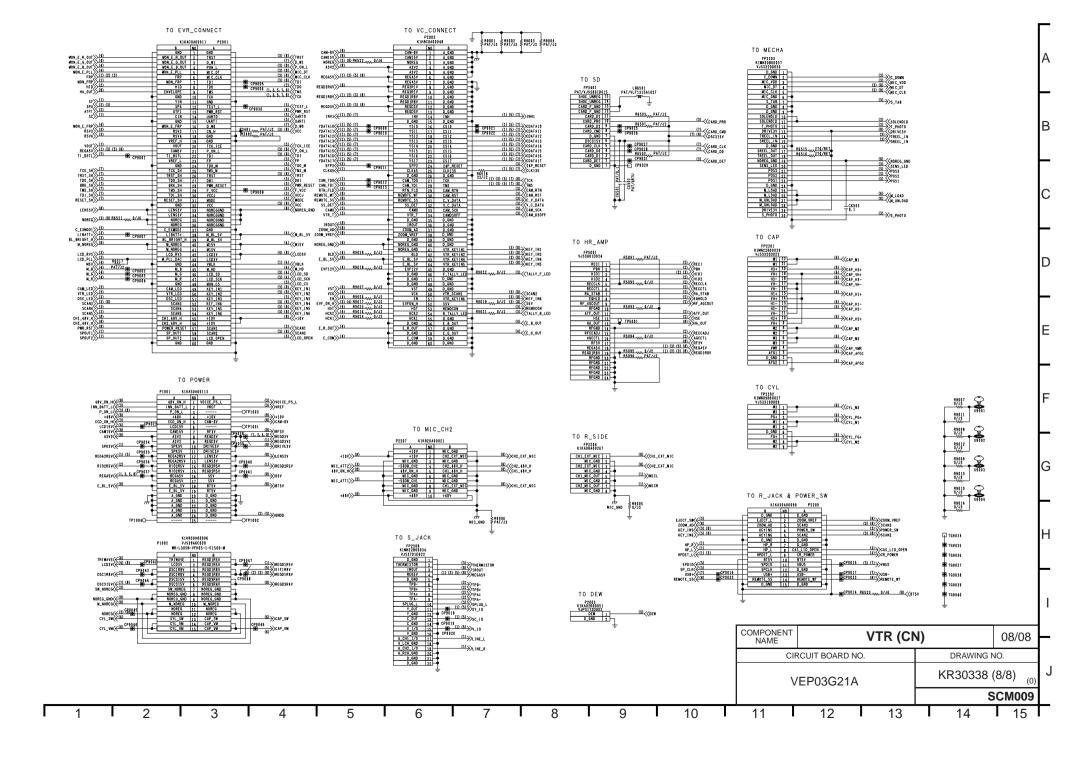


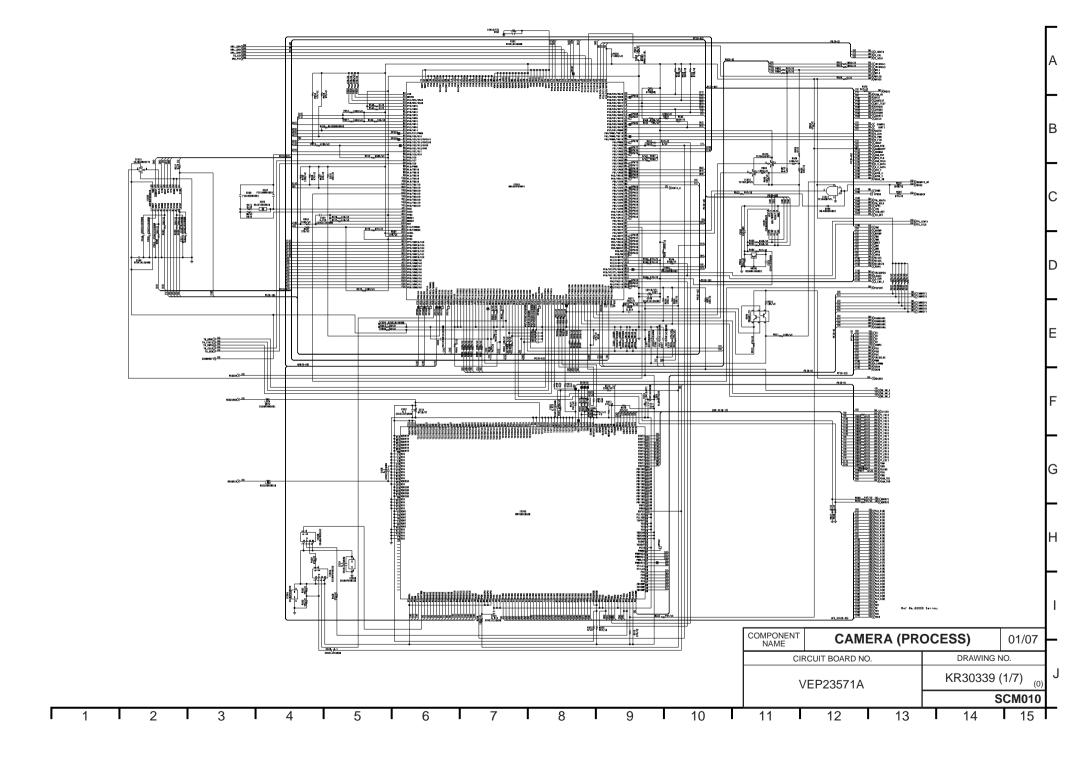


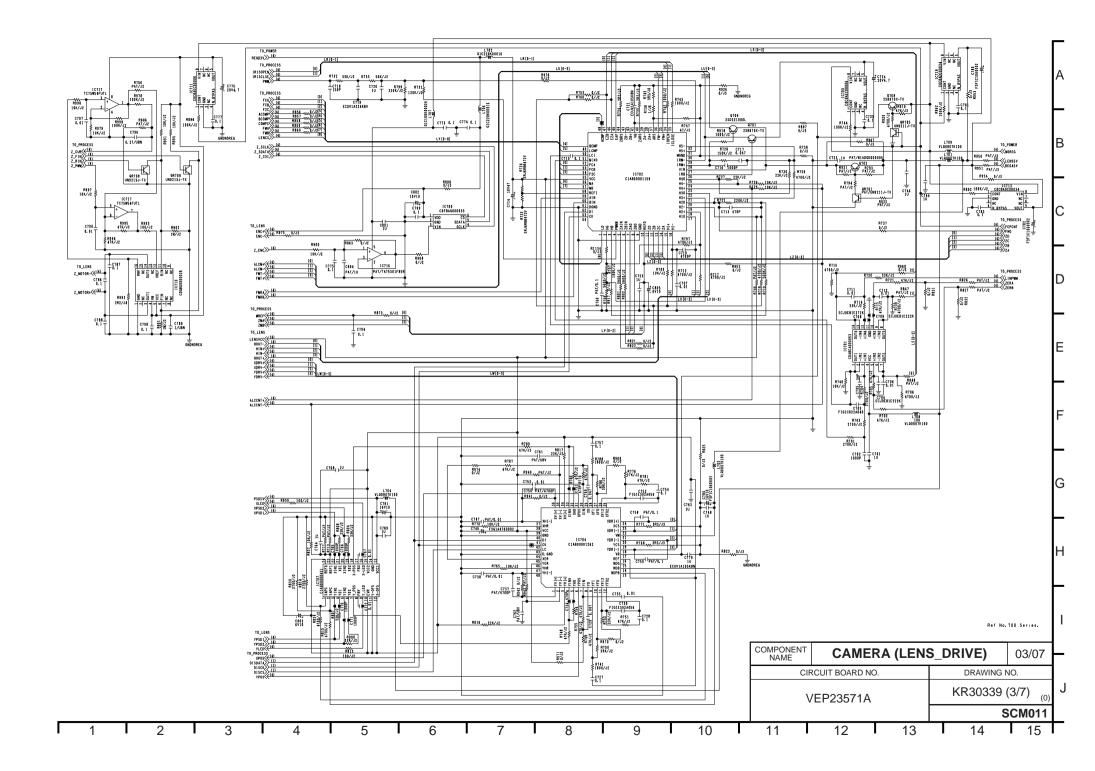


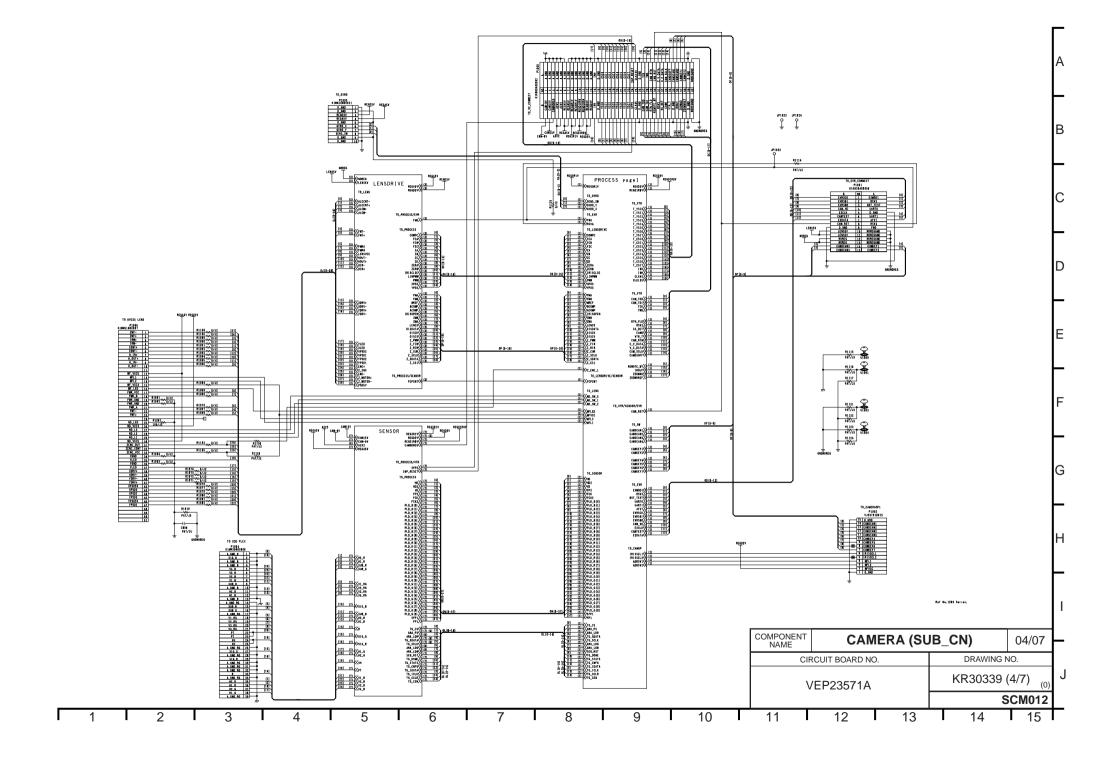


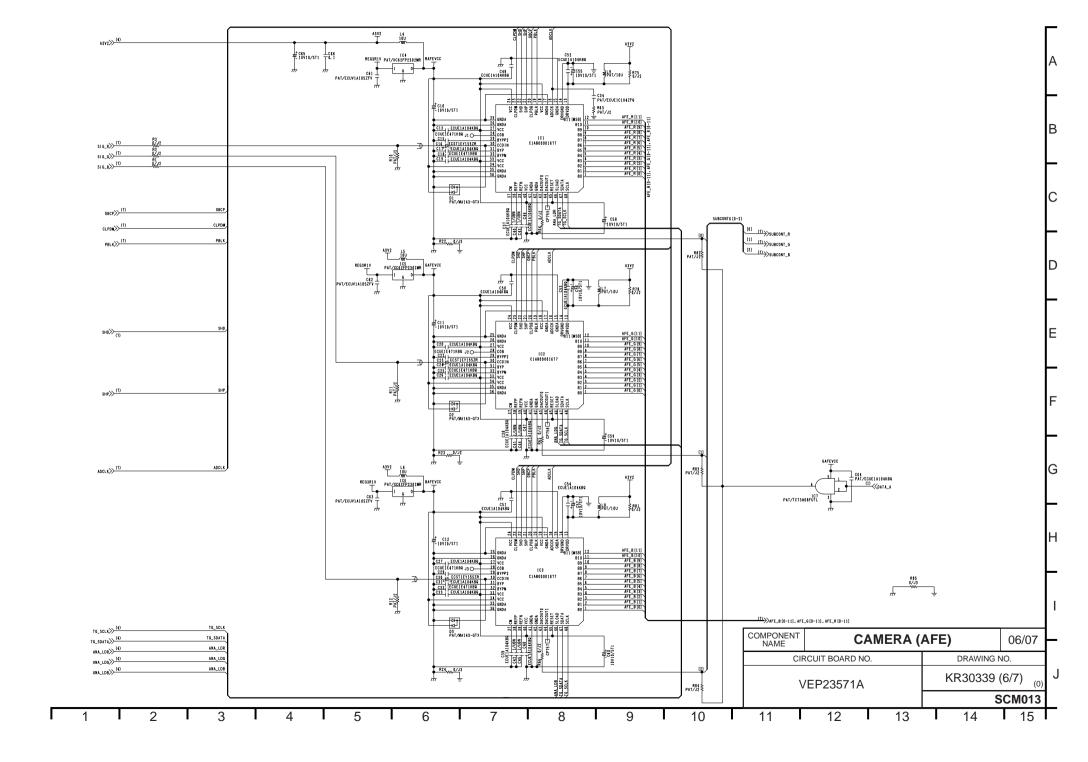


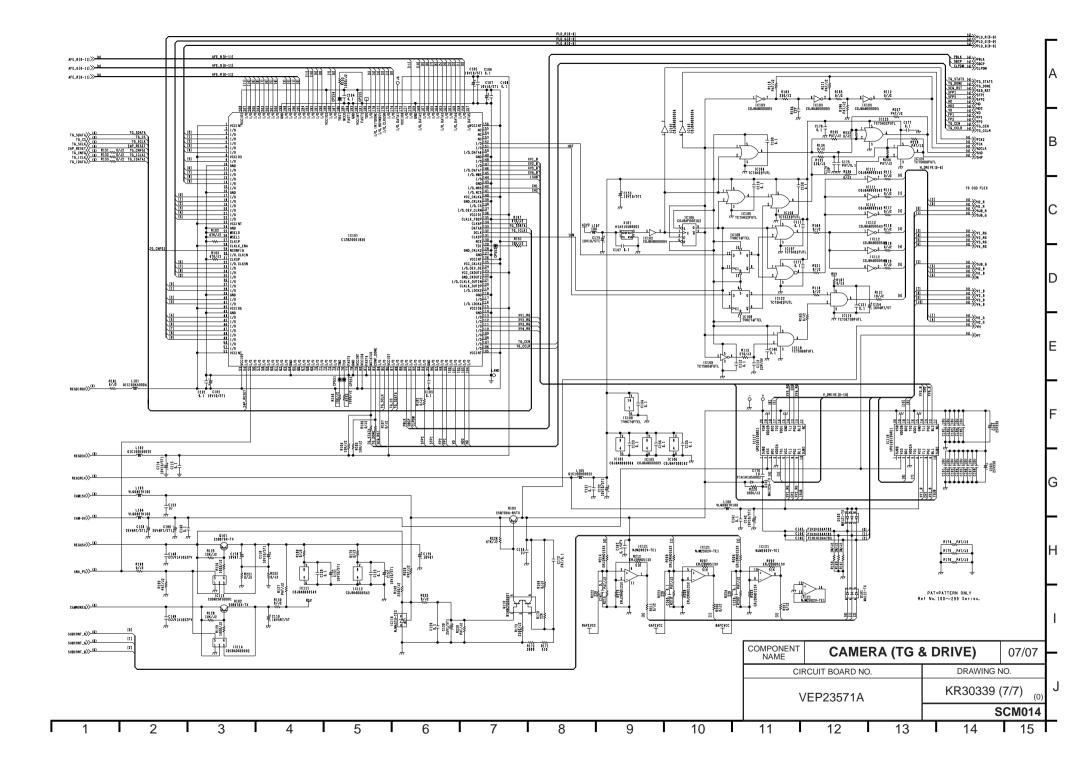


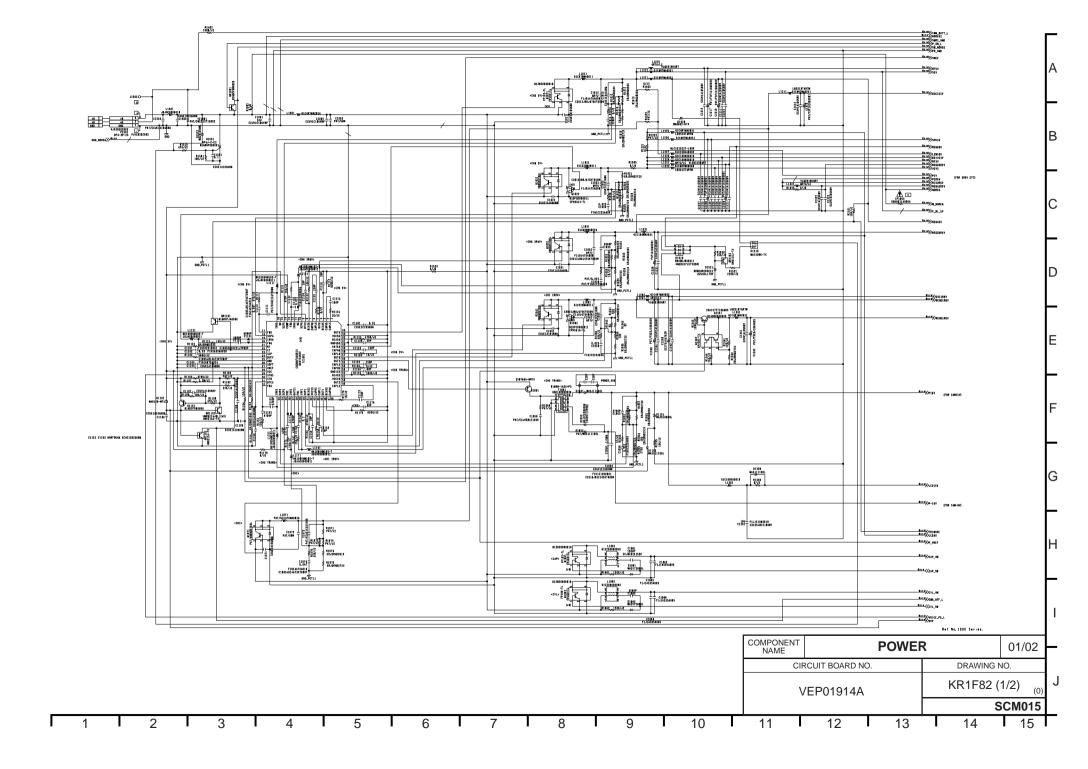


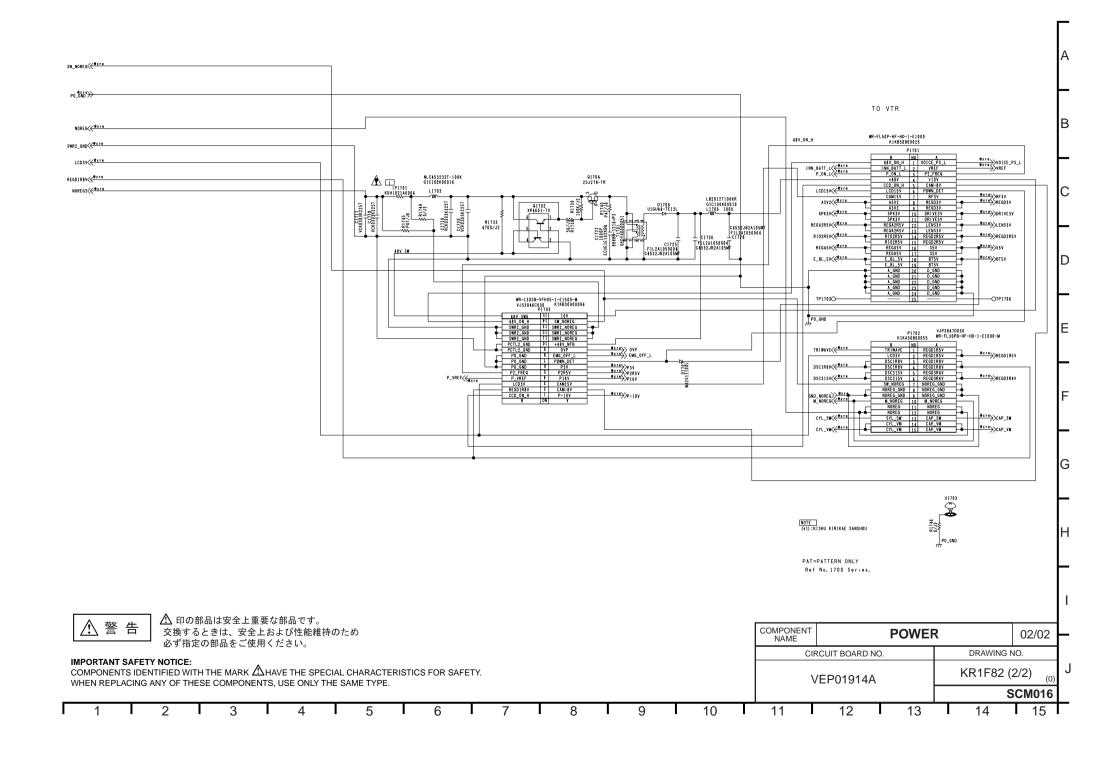


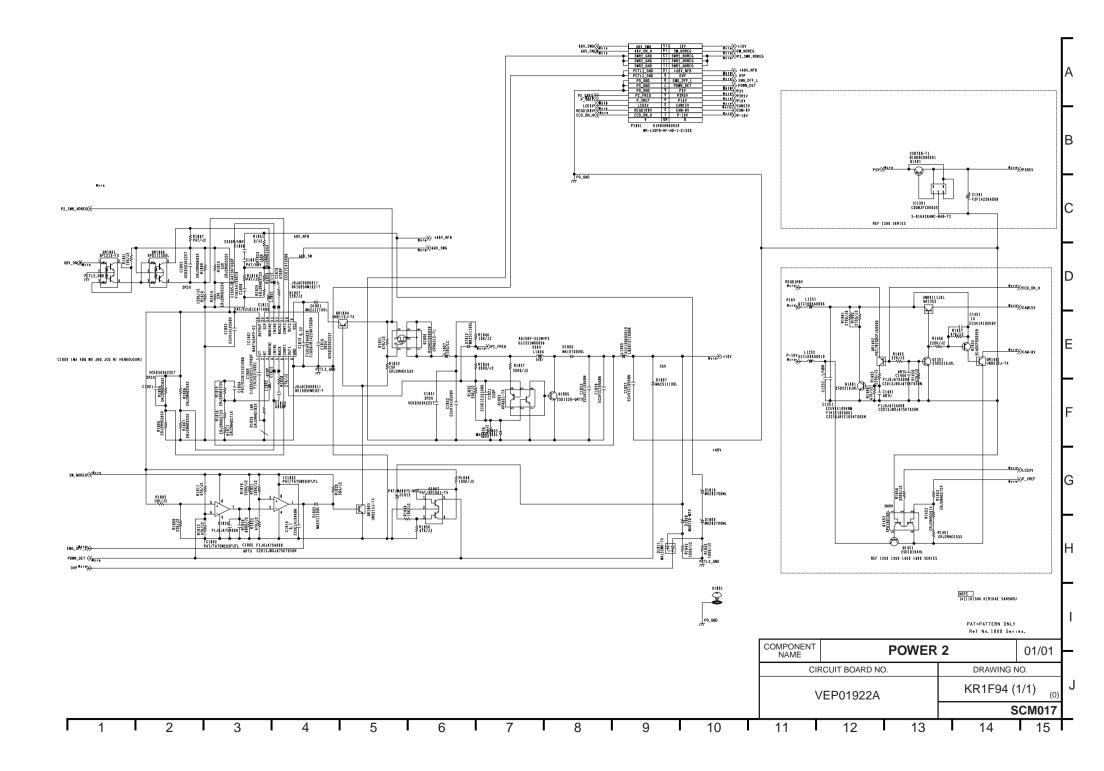


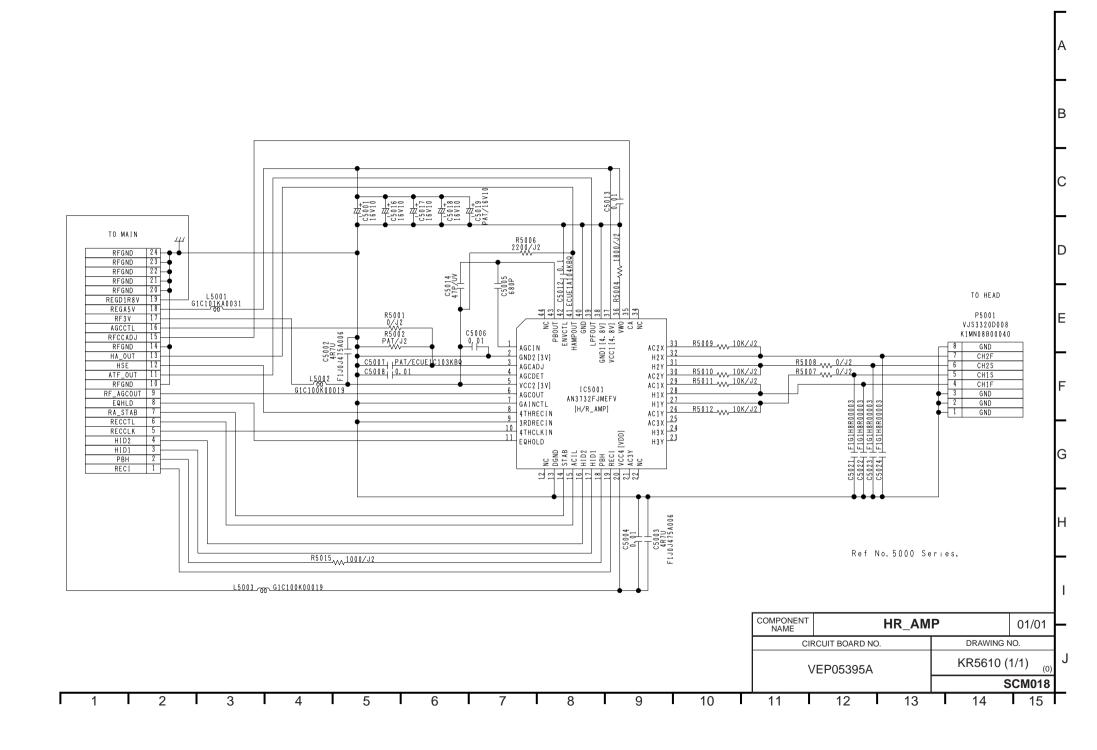


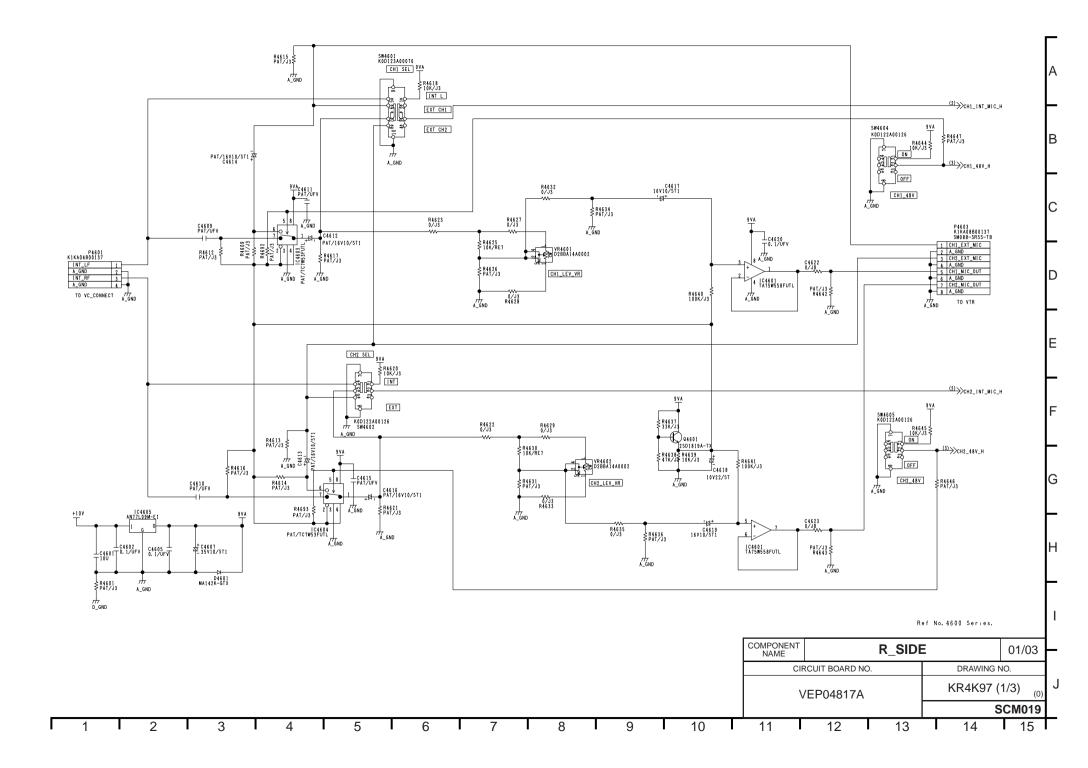


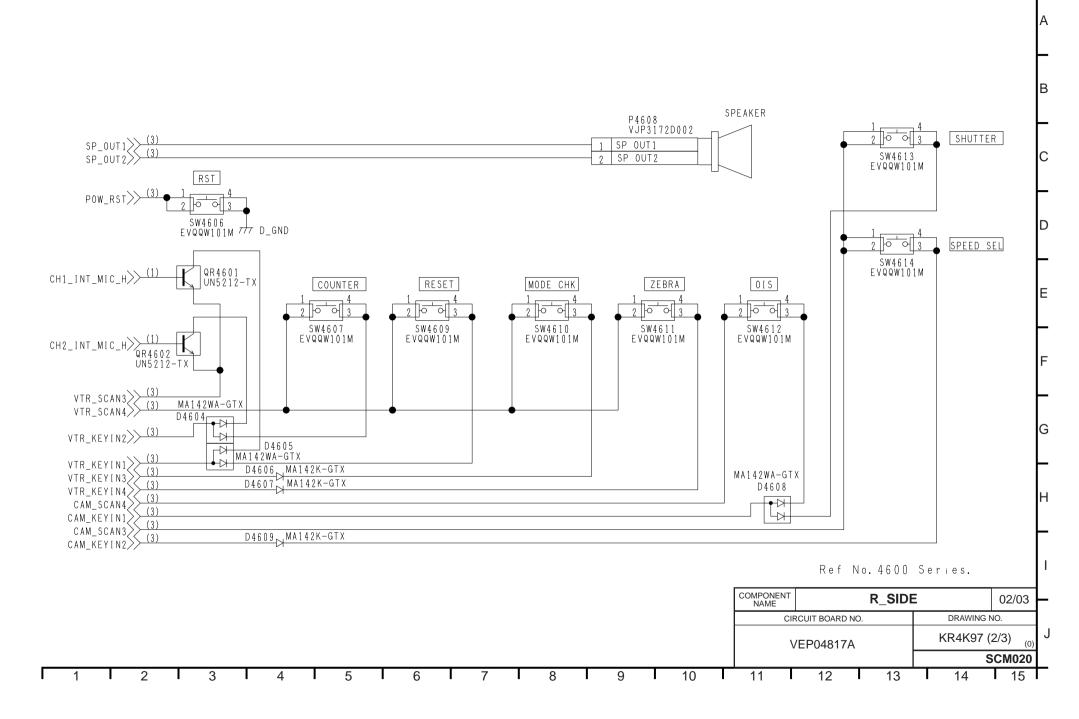


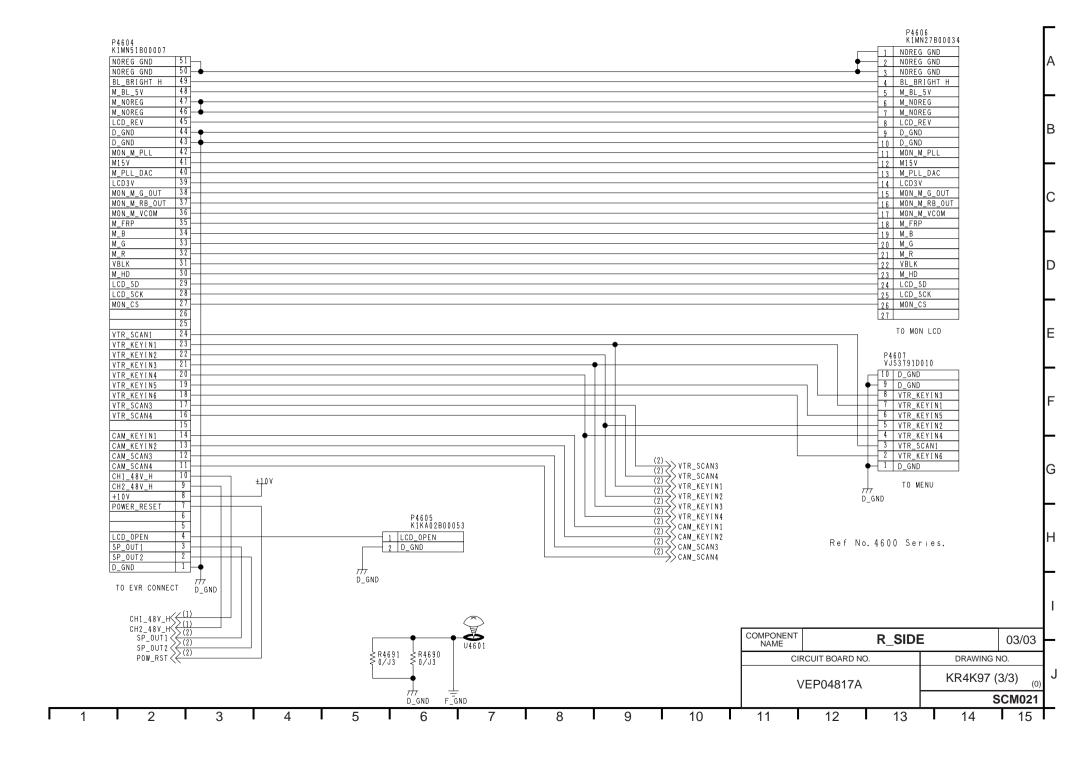


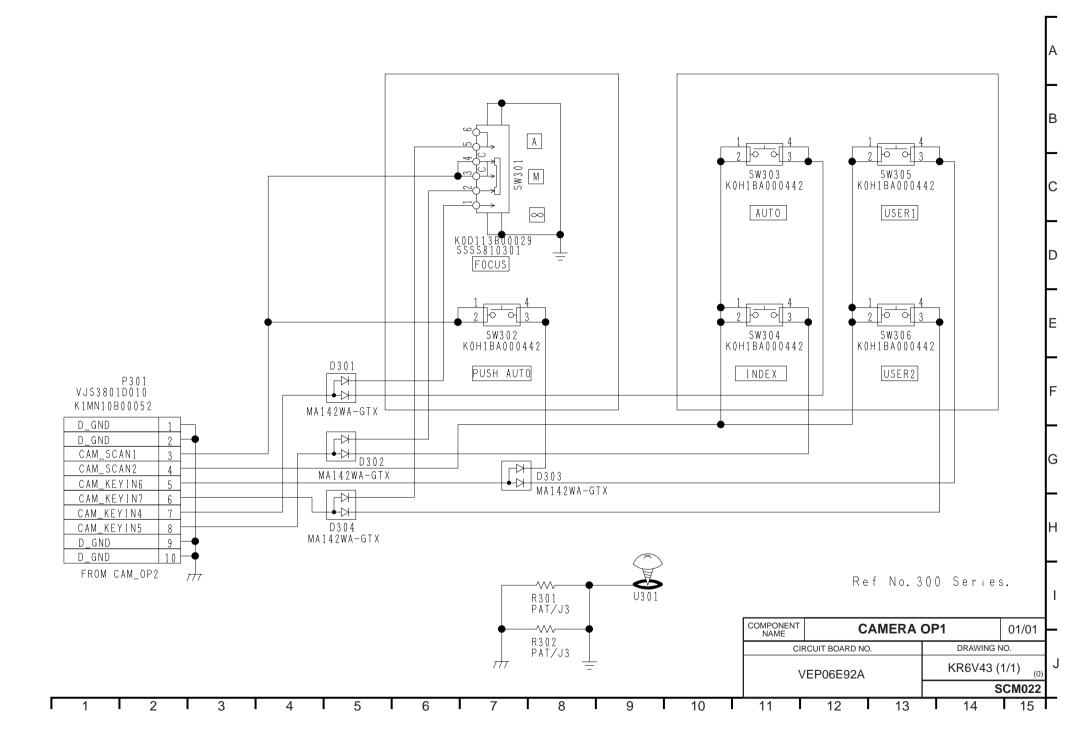


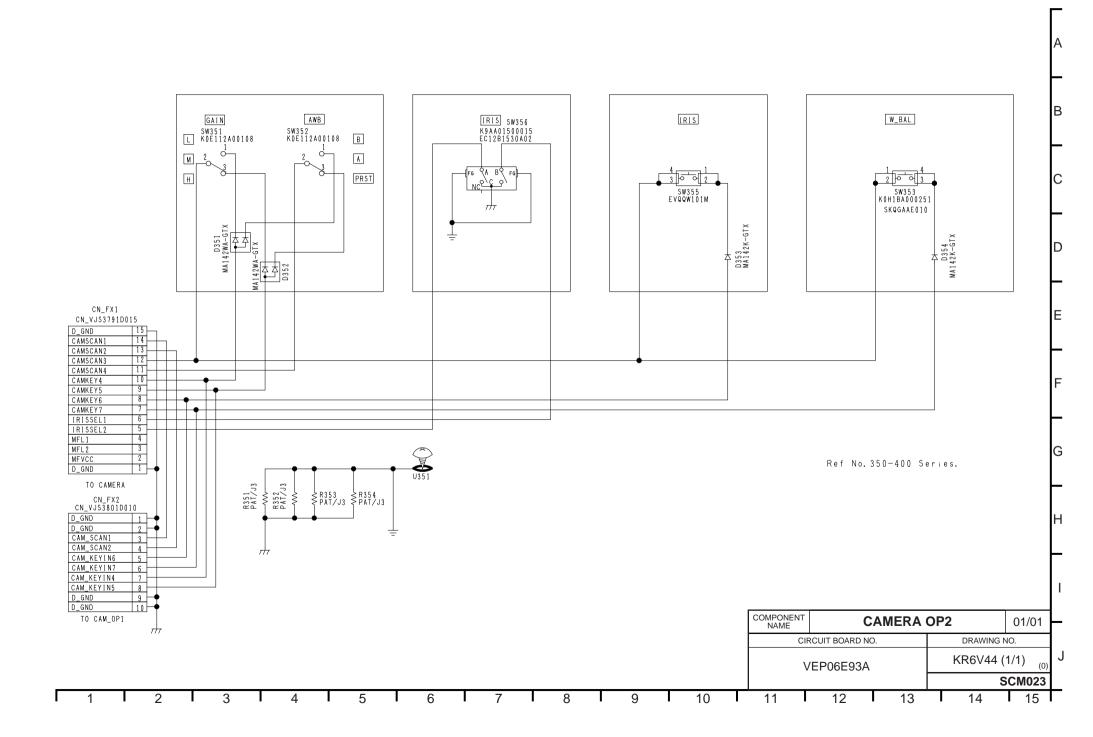


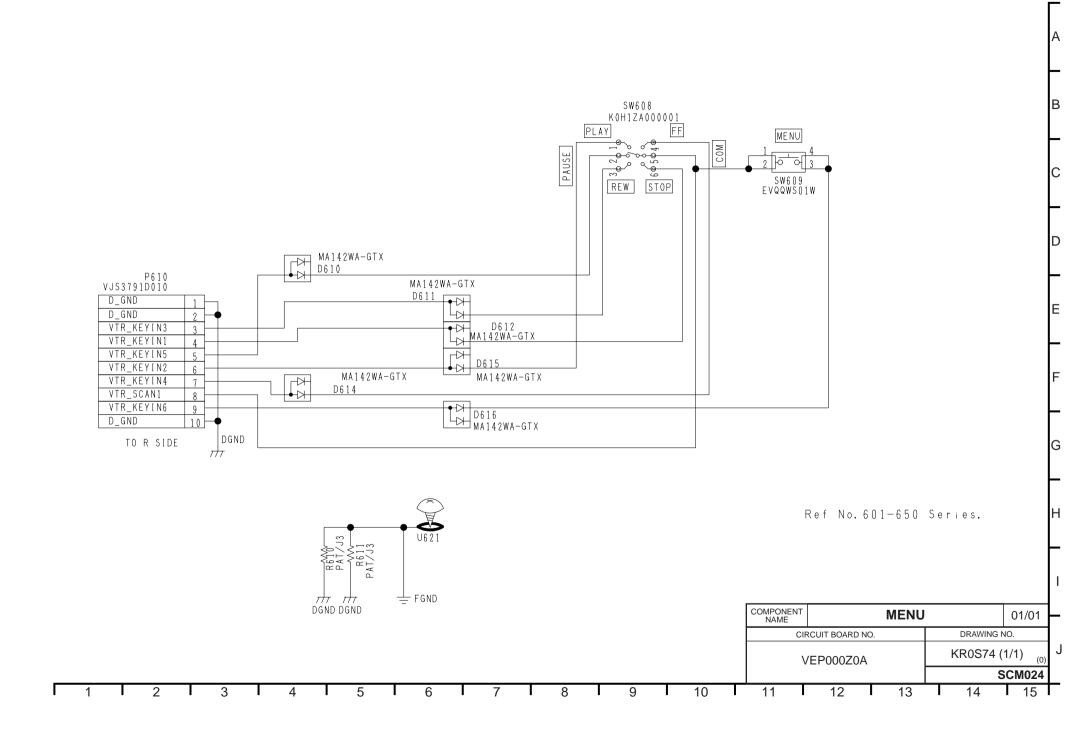


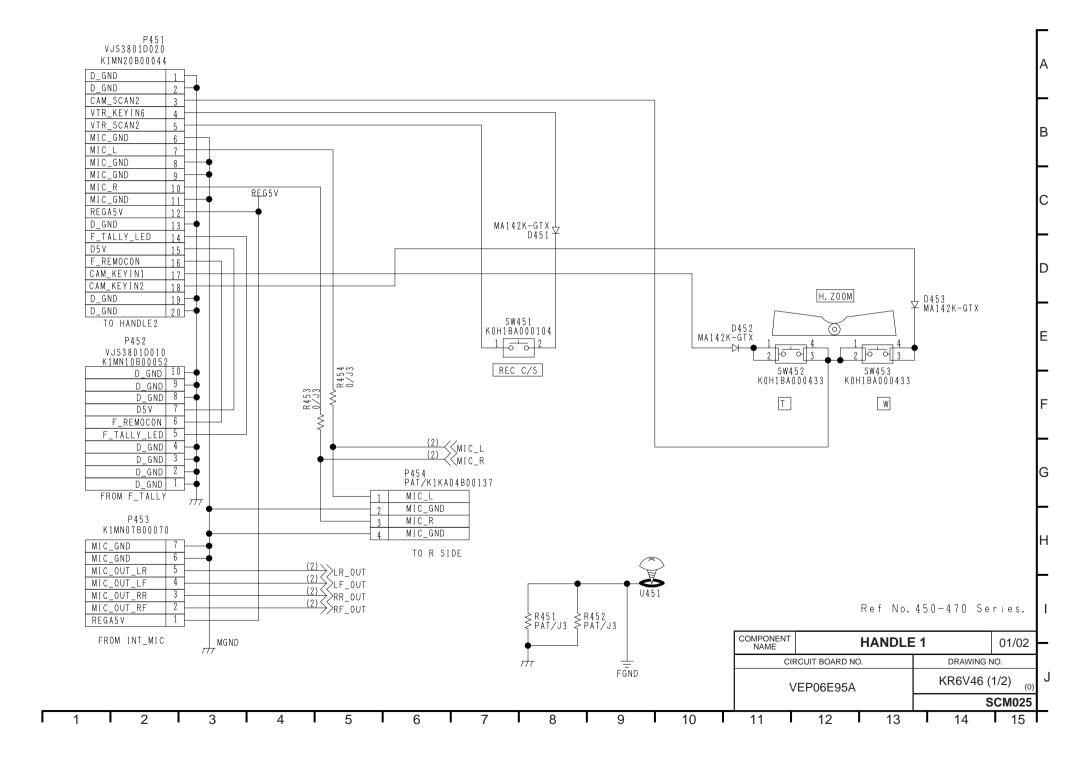


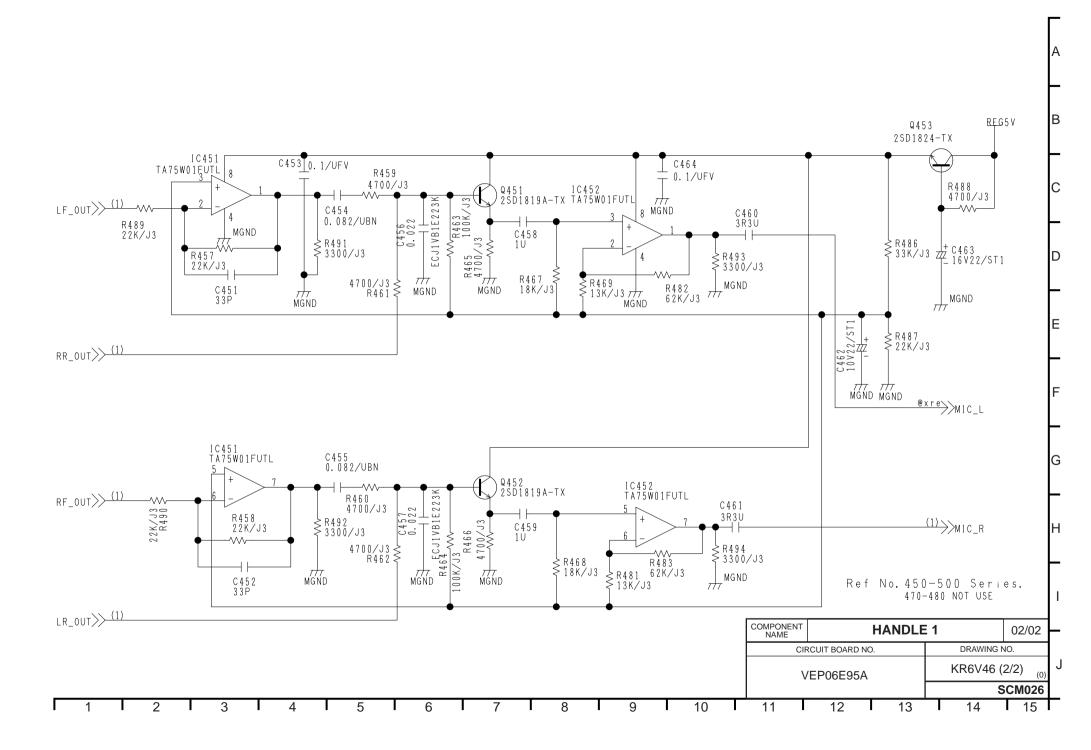


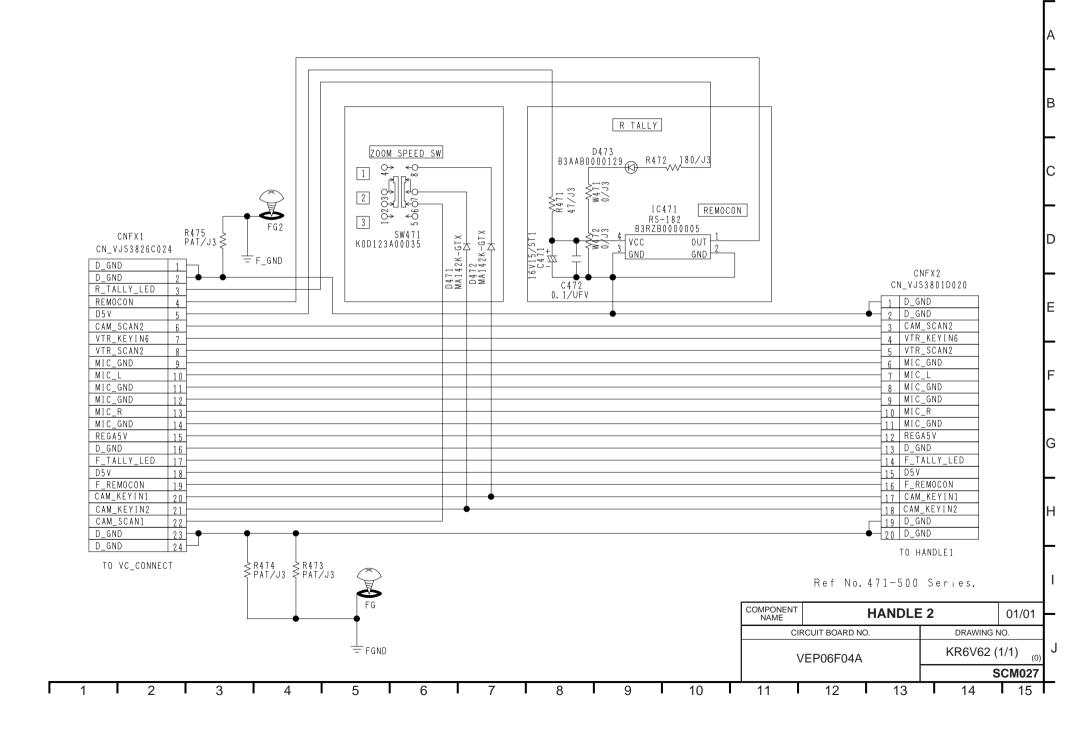


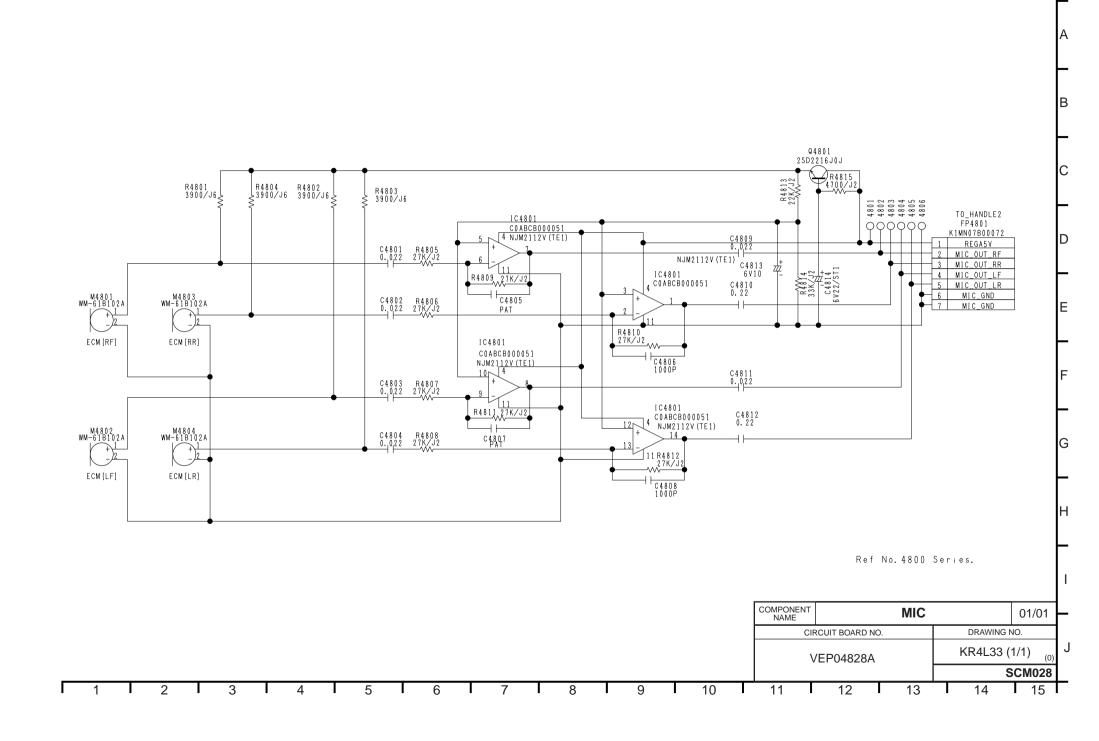


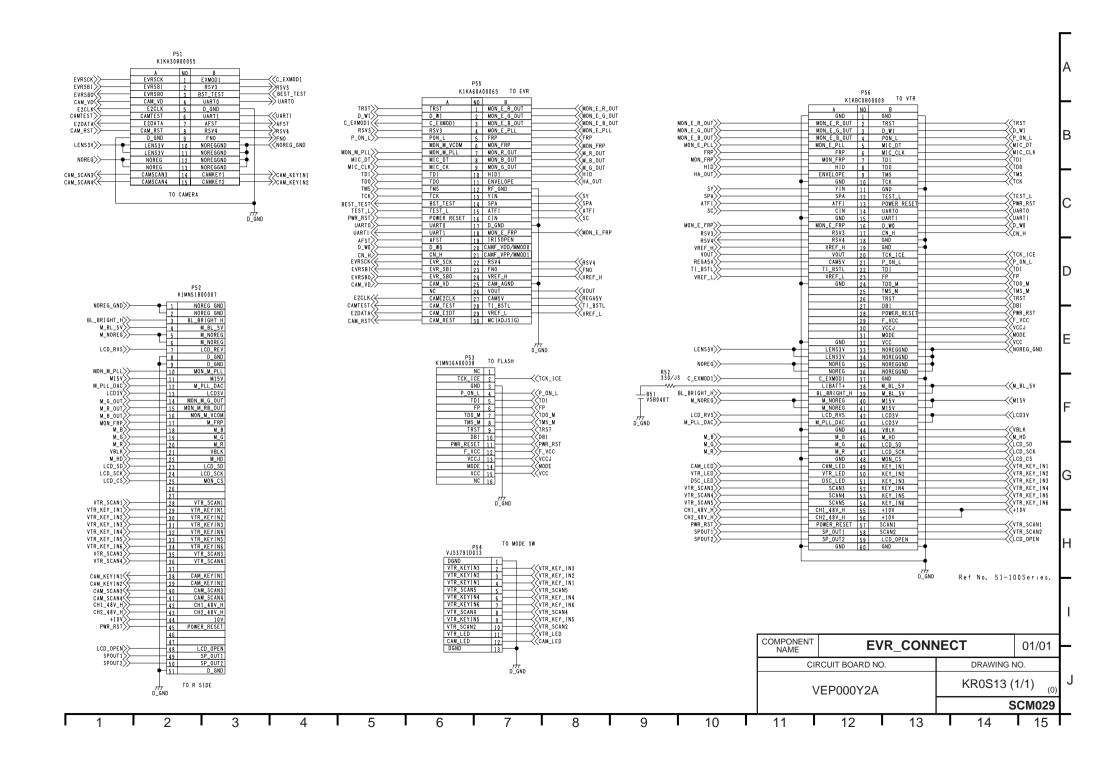


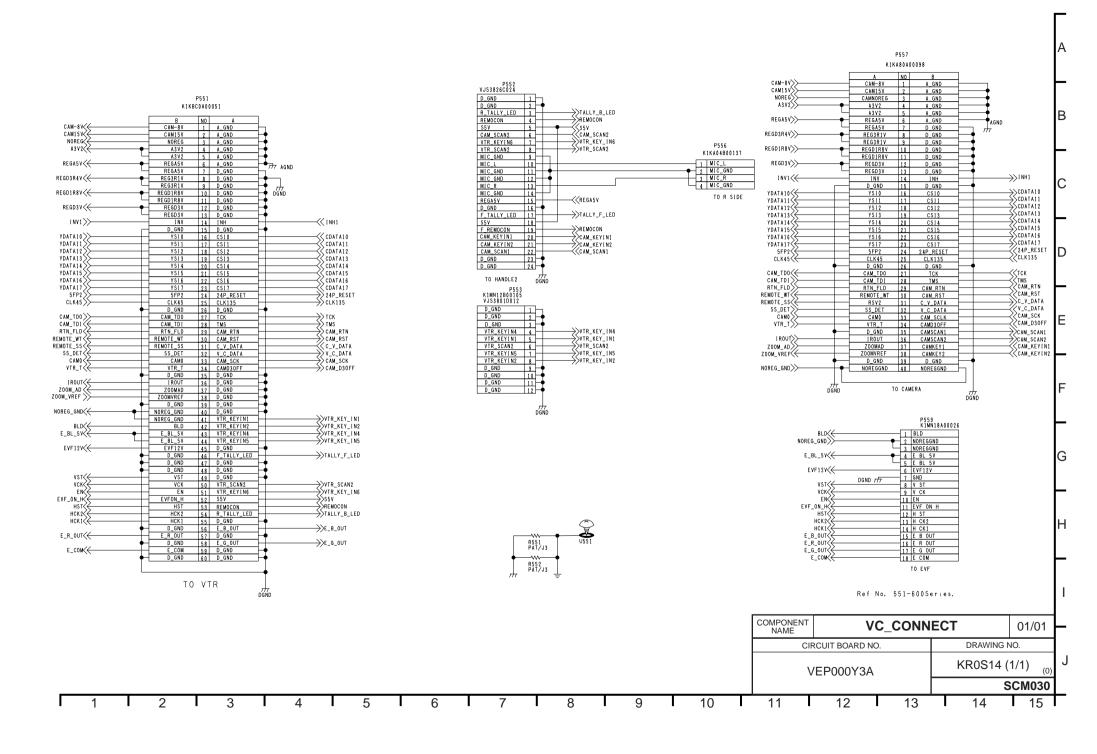


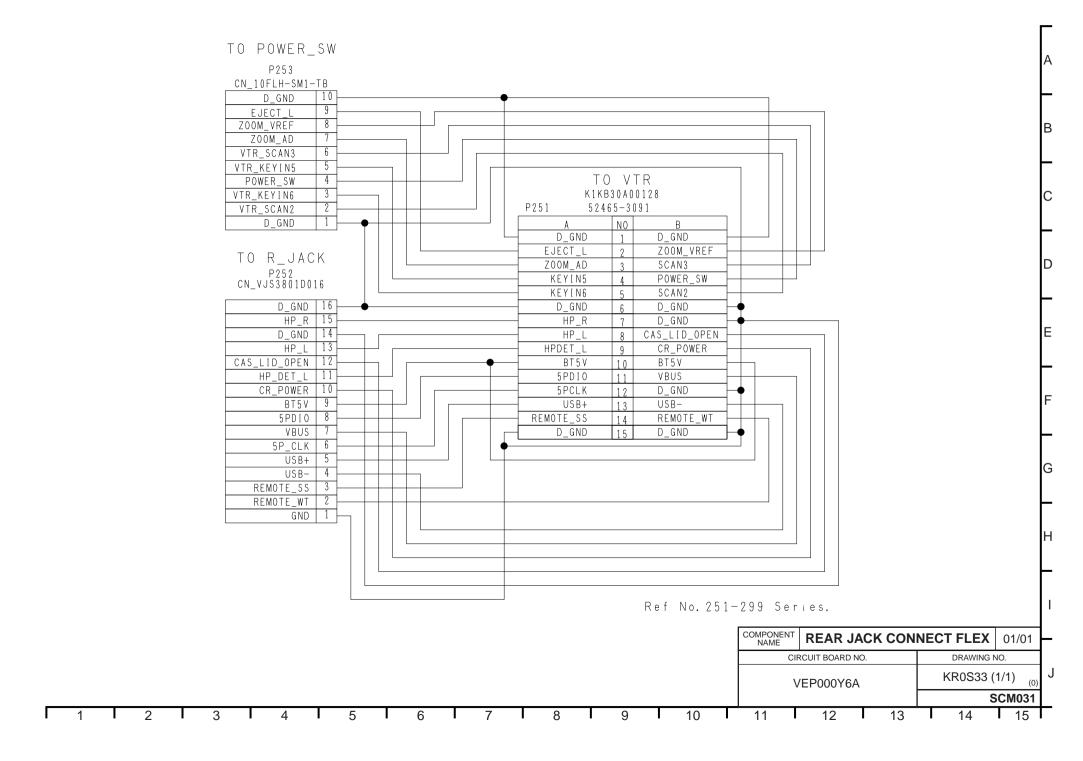


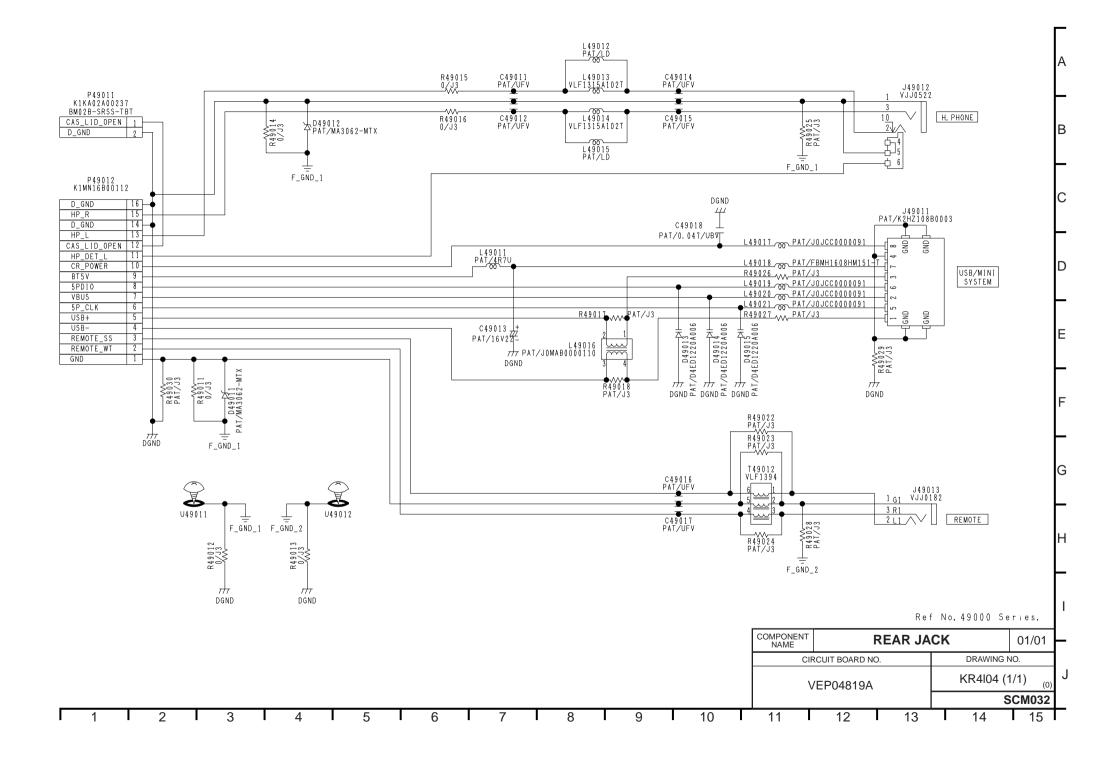


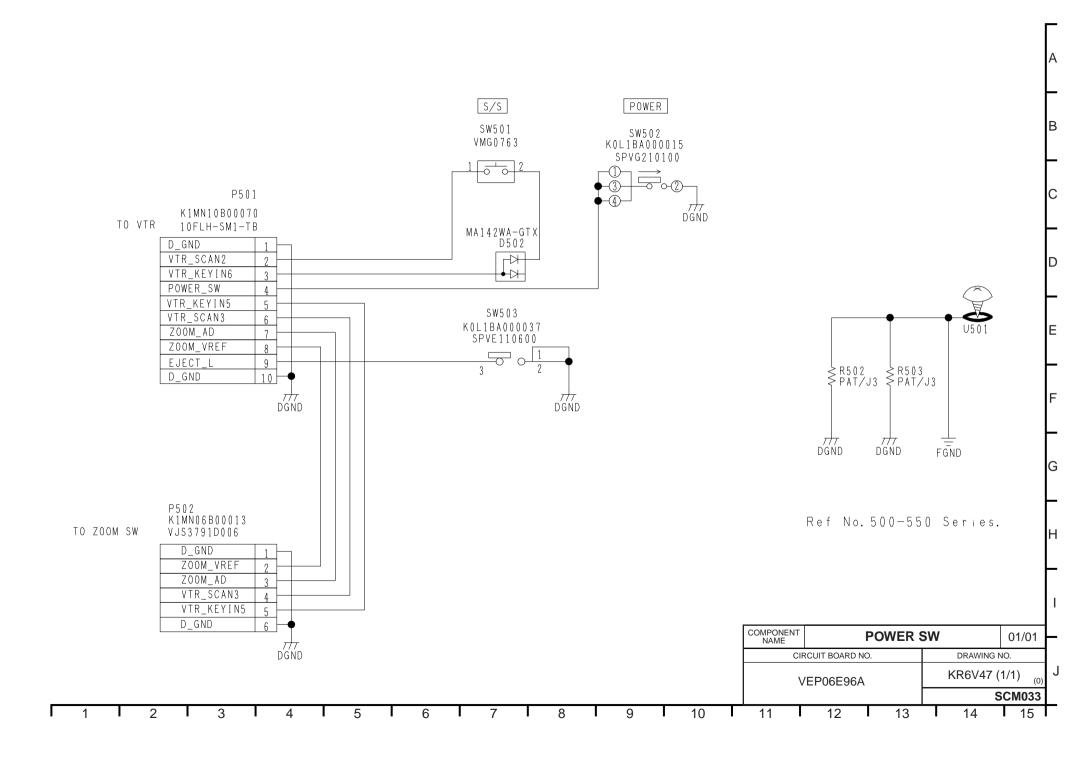


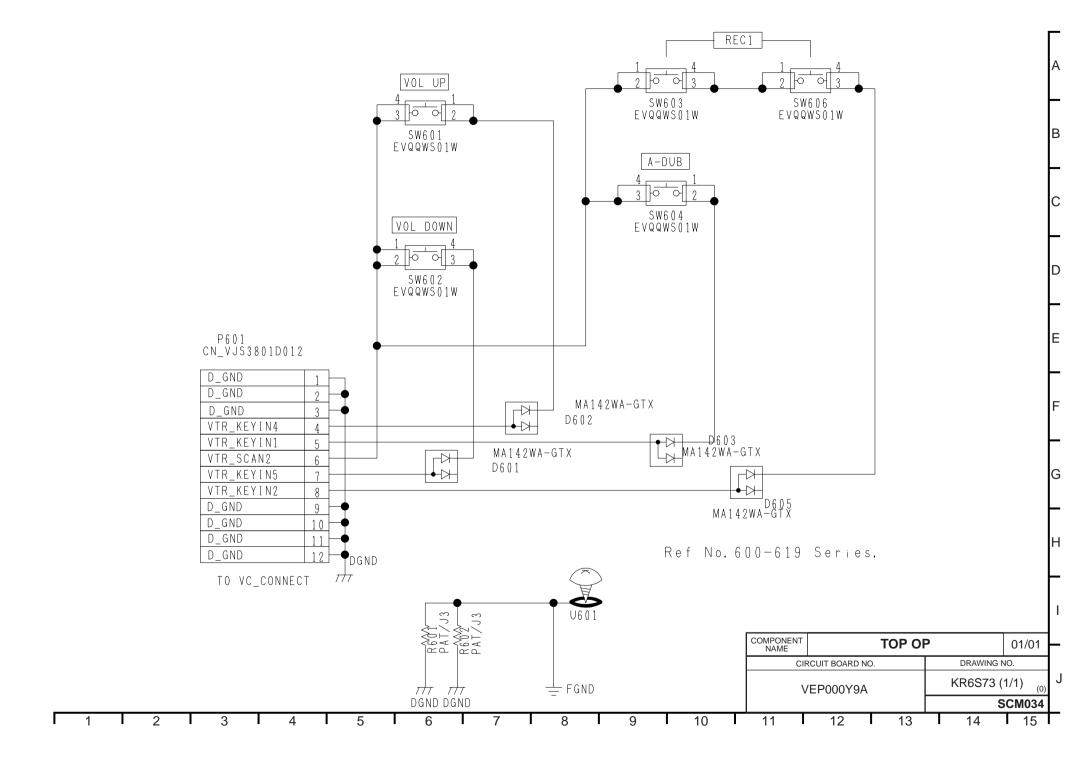


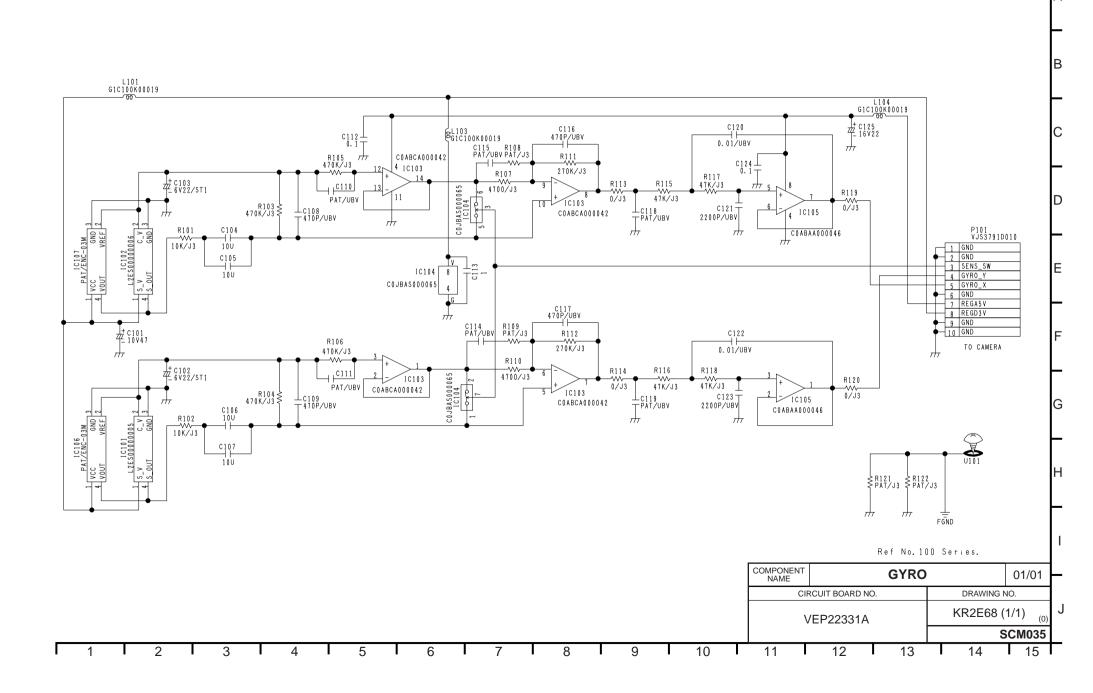


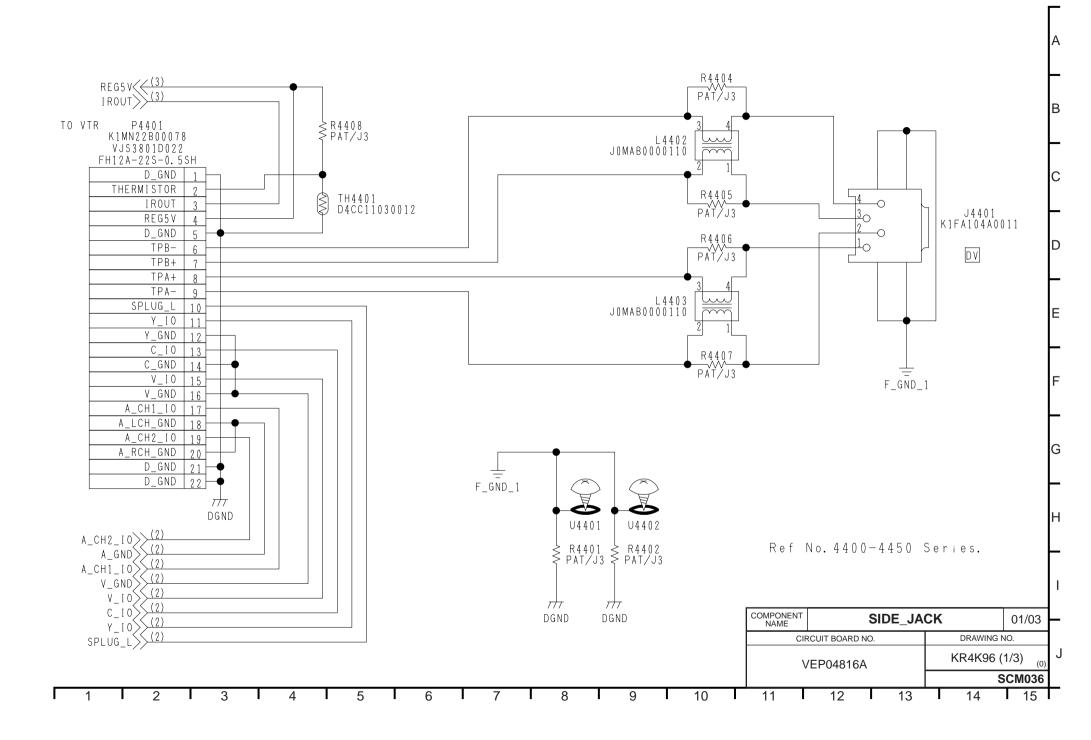


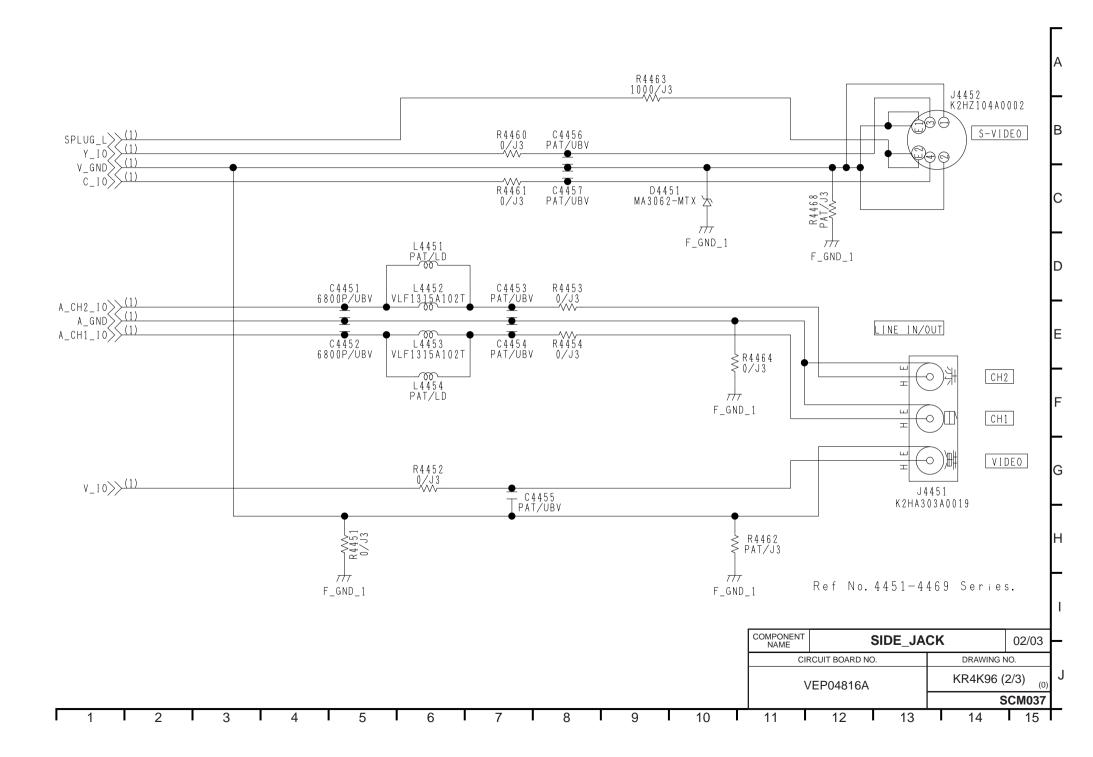


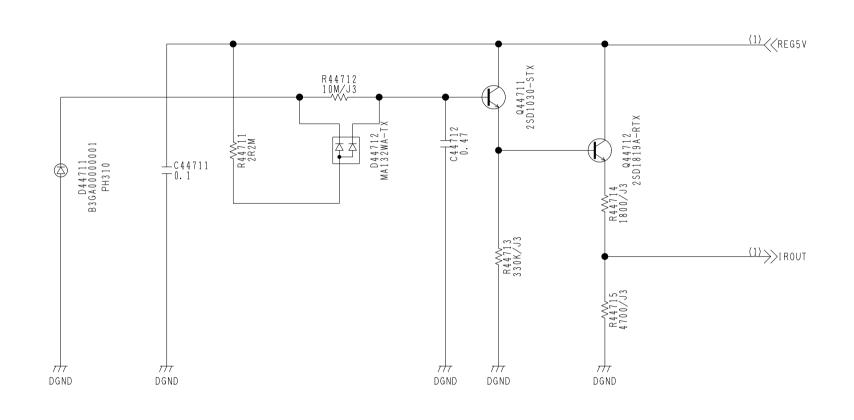






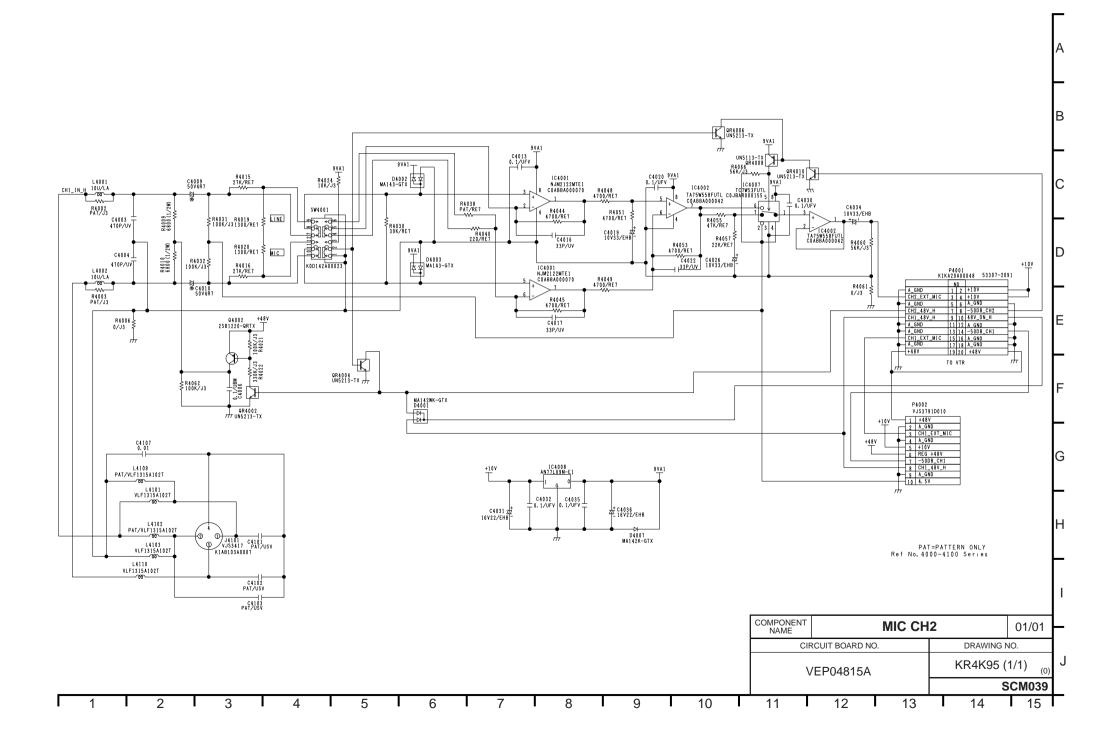


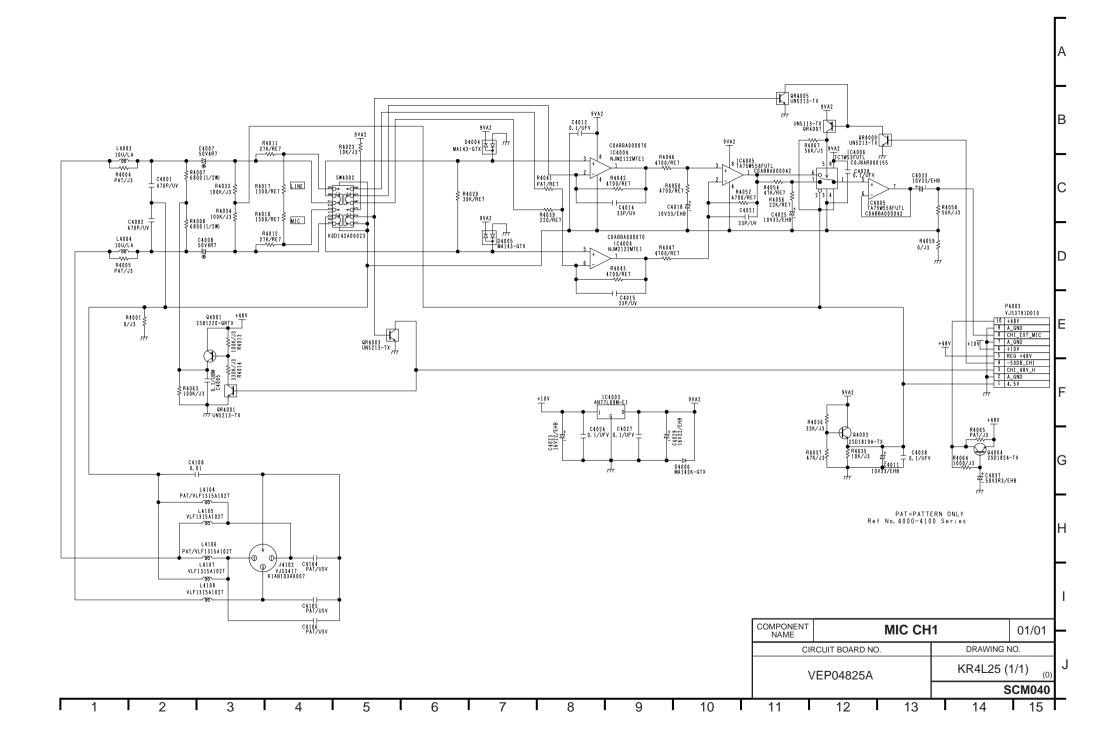


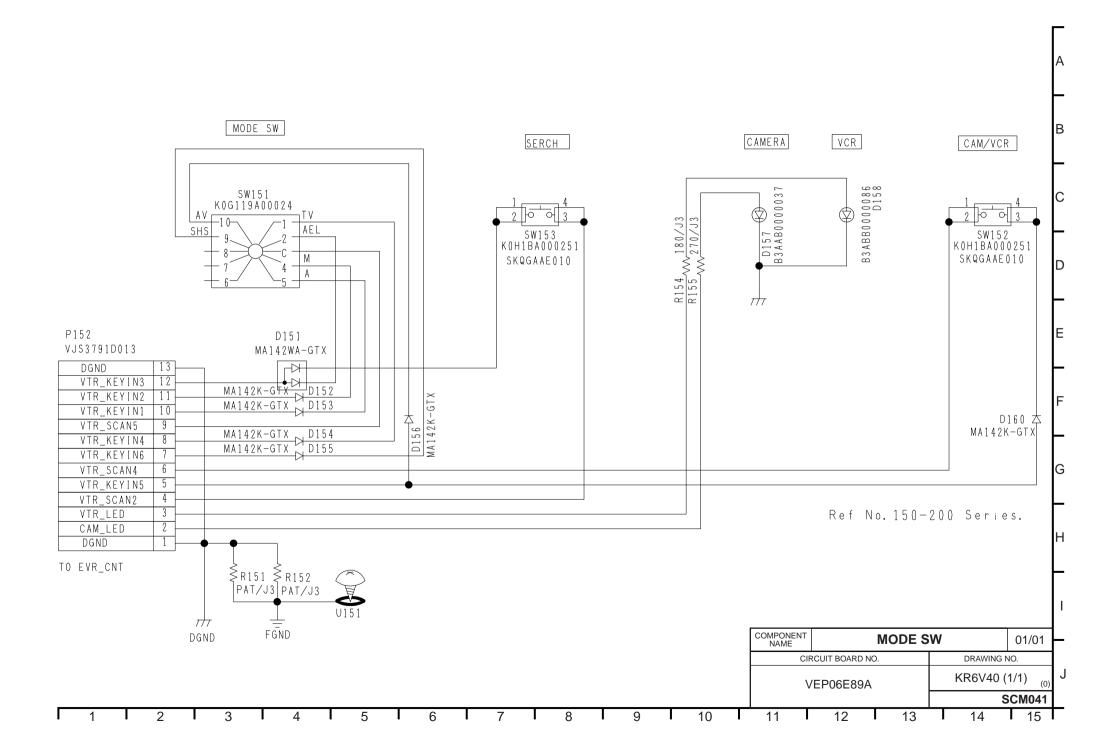


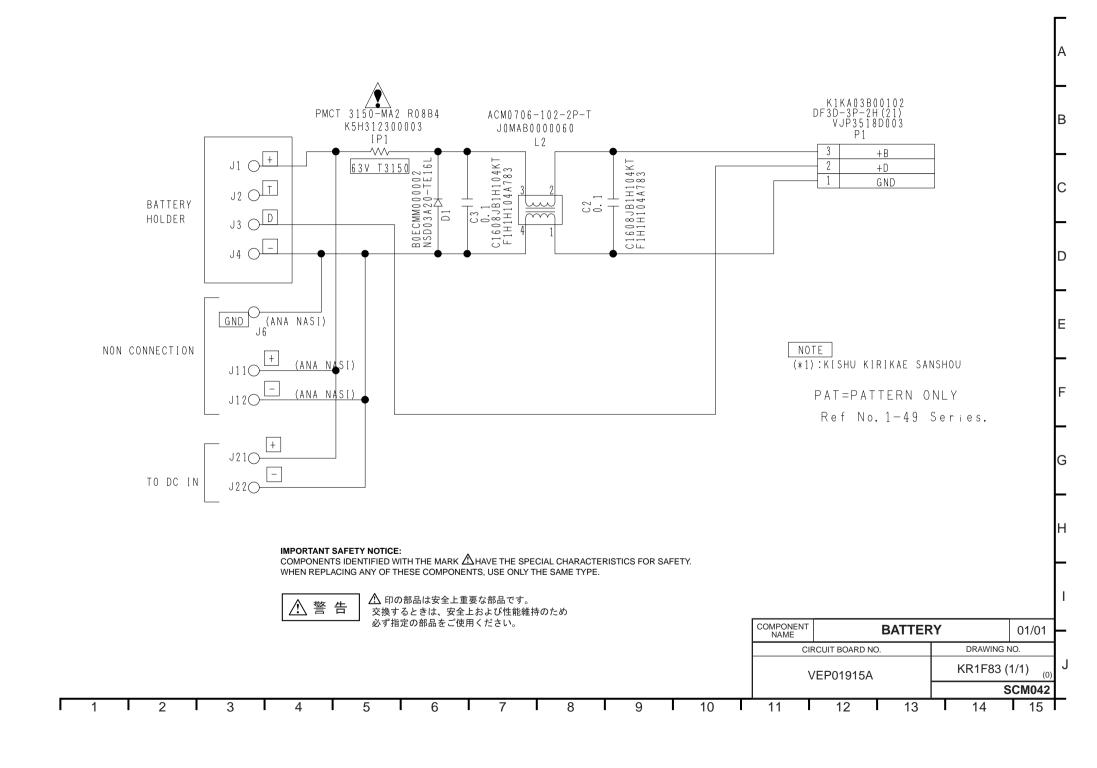
Ref No. 4470-4500 Series

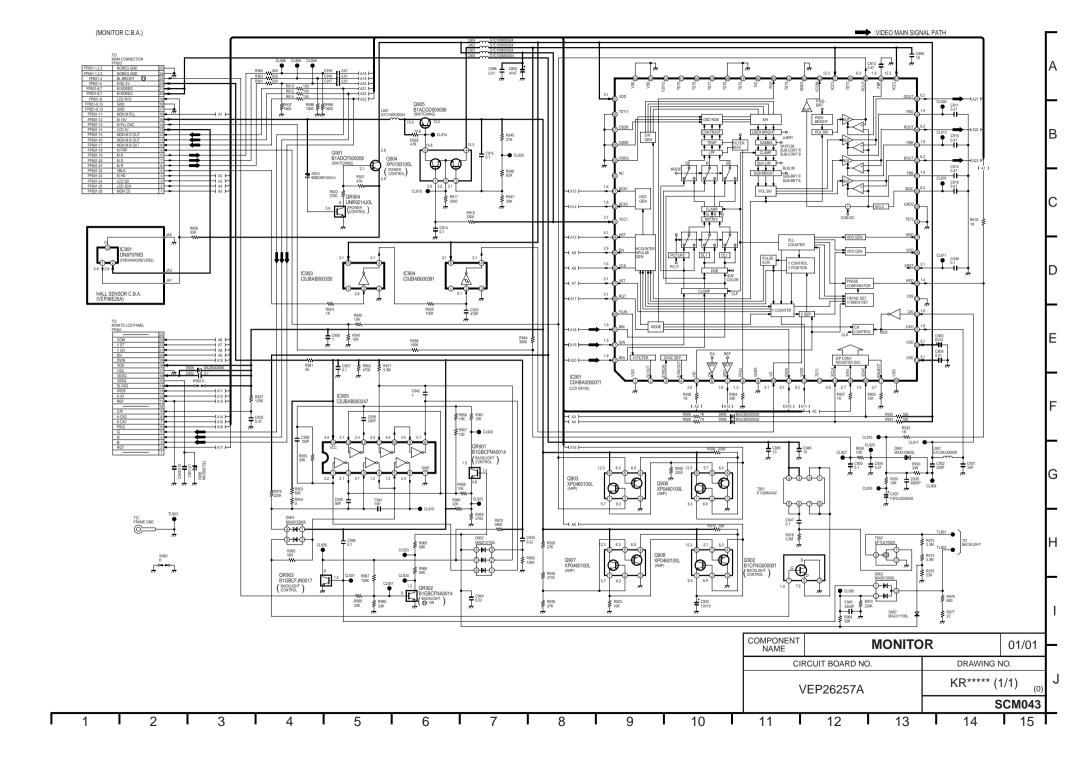
	COMPONENT NAME					03/03	┡	
	CIRCUIT BOARD NO.				DRAWING NO.			
	VEP04816A			KR4K96 (3/3) (0)			,	
				SCM038				
	11	12	13		14	15	Г	

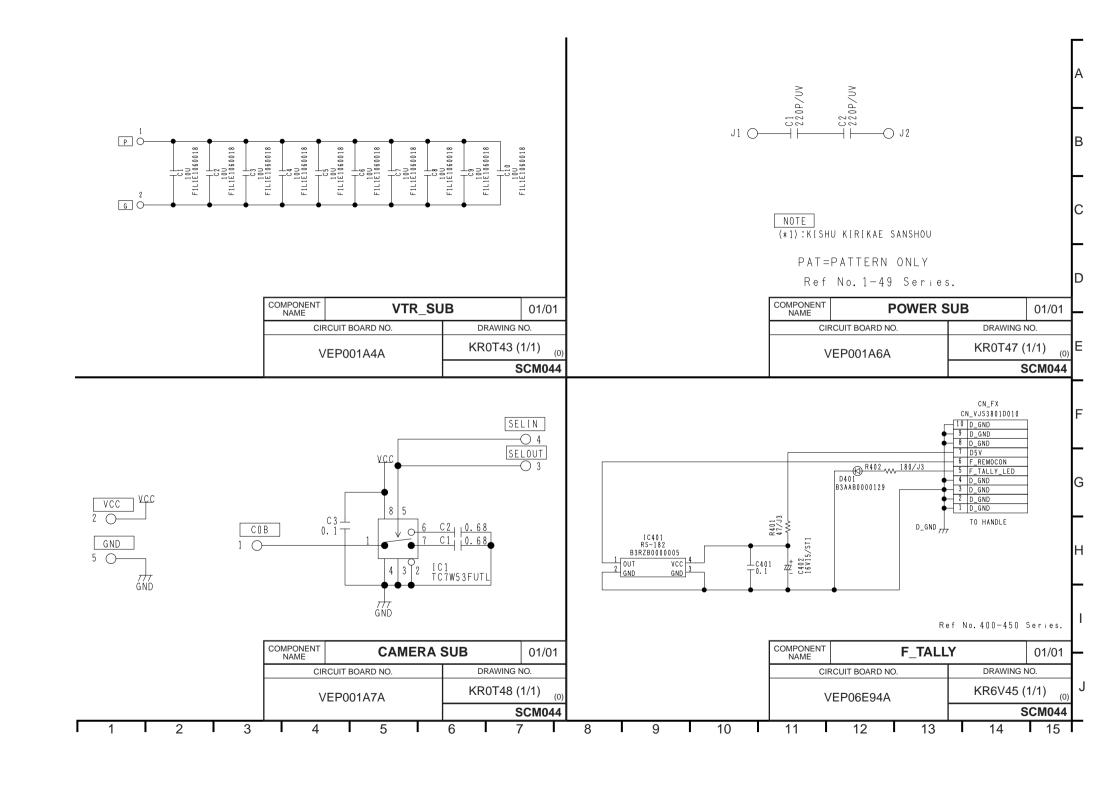


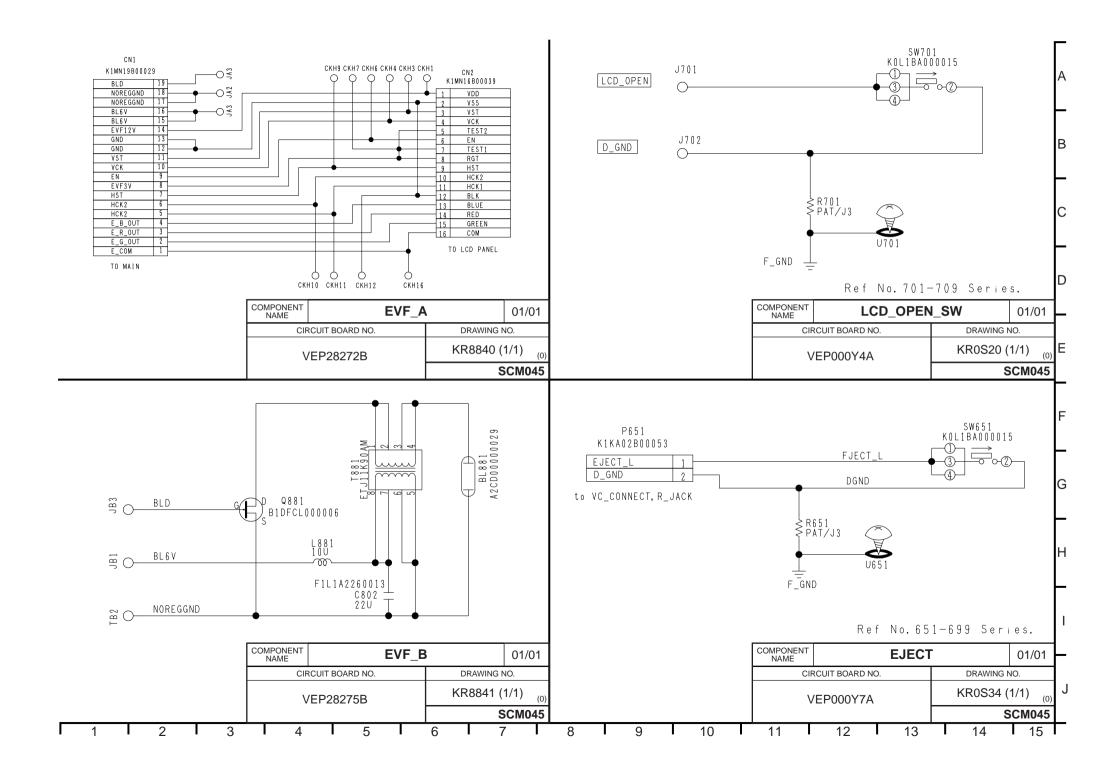


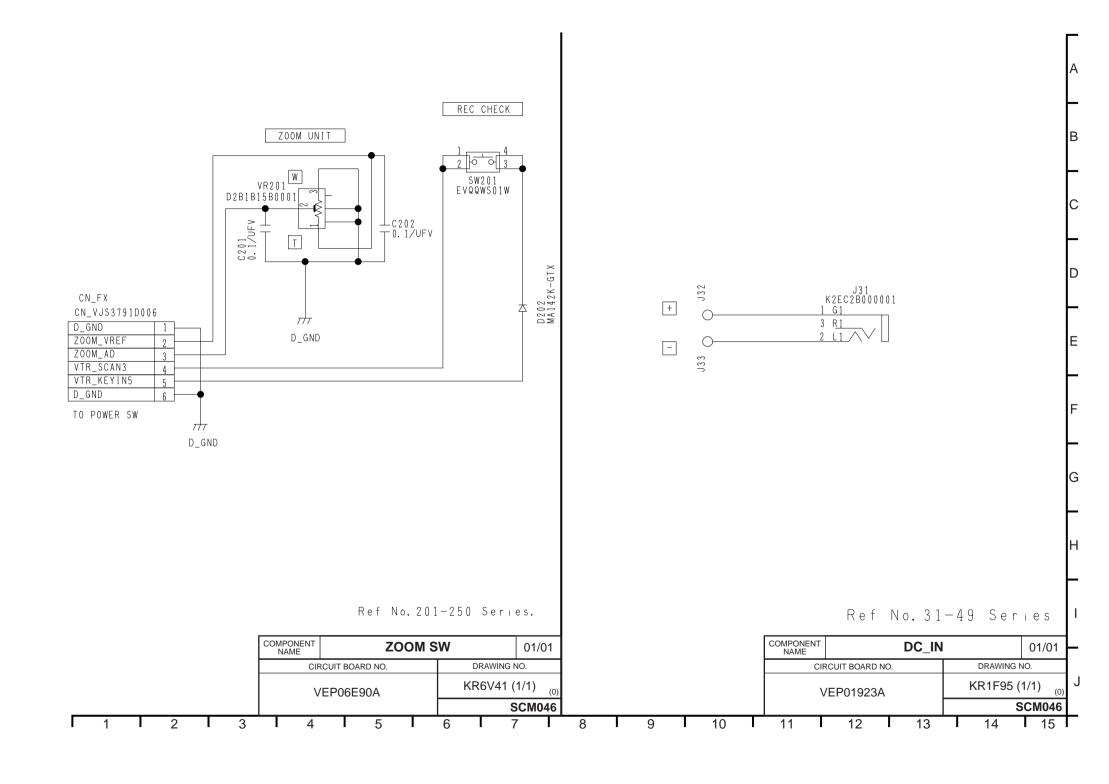












SECTION 7

CIRCUIT BOARD DIAGRAMS

NOTE:

BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION 8

CAUTION

THE MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.

PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED WITH THE MARK \triangle HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

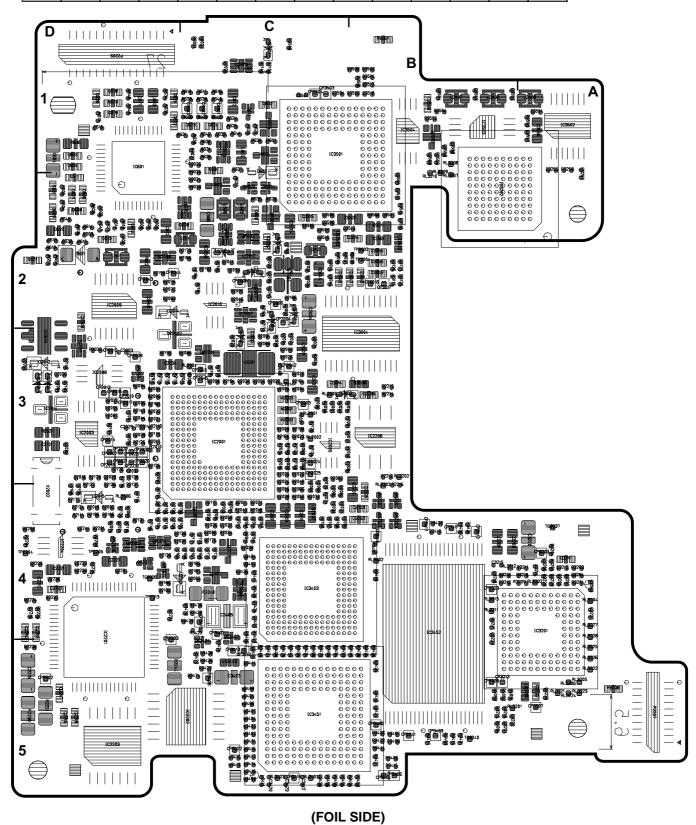
CONTENTS

VTR C.B.A. (VEP03G2TA)	.CBA-1
CAMERA C.B.A. (VEP23571A)	.CBA-3
POWER C.B.A. (VEP01914A)	.CBA-5
R SIDE C.B.A. (VEP04817A)	.CBA-6
CAMERA OP1 FLEX C.B.A. (VEP06E92A)	.CBA-7
CAMERA OP2 FLEX C.B.A. (VEP06E93A)	.CBA-8
REAR JACK C.B.A. (VEP04819A)	.CBA-9
POWER SW C.B.A. (VEP06E96A)	.CBA-10
SIDE JACK C.B.A. (VEP04816A)	.CBA-11
MIC CH2 C.B.A. (VEP04815A)	.CBA-12
MIC CH1 C.B.A. (VEP04825A)	.CBA-13
MODE SW C.B.A. (VEP06E89A)	.CBA-14
VTR SUB C.B.A. (VEP001A4A)	.CBA-15
CAMERA SUB 1/2/3 C.B.A.	
(VEP001A7A/B/C)	.CBA-15
POWER SUB C.B.A. (VEP001A6A)	.CBA-15
POWER 2 C.B.A. (VEP01922A)	.CBA-15
HR AMP C.B.A. (VEP05395A)	.CBA-16
MENU C.B.A. (VEP000Z0A)	.CBA-16

HANDLE 1 C.B.A. (VEP06E95A)	
HANDLE 2 FLEX C.B.A. (VEP06F04A)	CBA-17
VC CONNECT C.B.A. (VEP000Y3A)	CBA-17
MIC C.B.A. (VEP04828A)	CBA-18
F TALLY FLEX C.B.A. (VEP06E94A)	CBA-18
EVR CONNECT C.B.A. (VEP000Y2A)	CBA-19
LCD OPEN C.B.A. (VEP000Y4A)	CBA-19
EJECT C.B.A. (VEP000Y7A)	
ZOOM SW FLEX C.B.A. (VEP06E90A)	
TOP OP C.B.A. (VEP000Y9A)	
GYRO C.B.A. (VEP22331A)	
DC IN C.B.A. (VEP01923A)	CBA-21
BATTERY C.B.A. (VEP01915A)	CBA-21
REAR JACK CONNECT C.B.A.	
(VEP000Y6A)	CBA-21
EVF A C.B.A. (VEP28272B)	CBA-22
EVF B C.B.A. (VEP28275B)	
MONITOR C.B.A. (VEP26257A)	

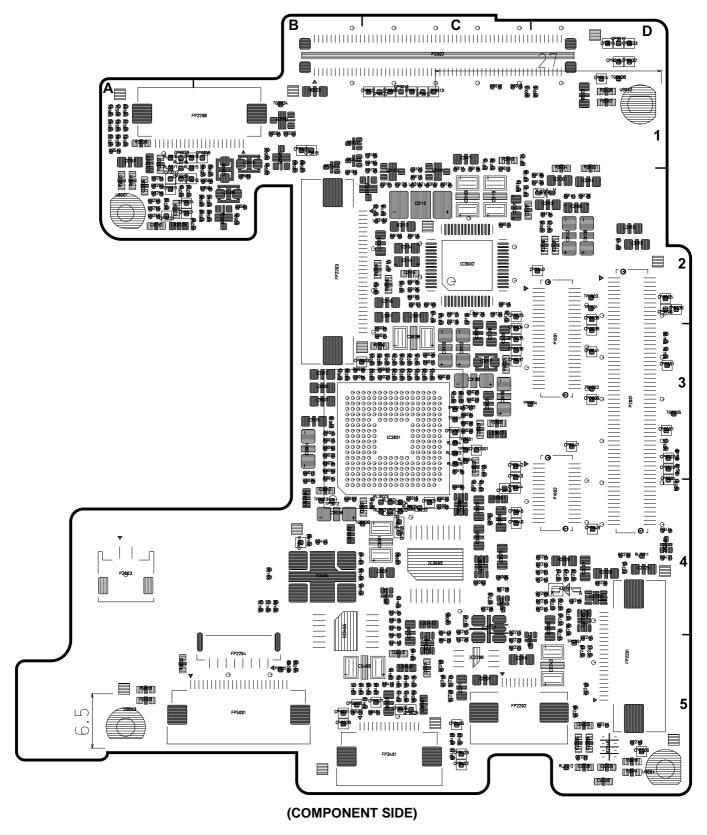
VTR C.B.A. (VEP03G21A)

FOIL SIDE													
REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC601	D1	IC2002	C2	IC2011	D3	IC3202	B2	QR601	C2	QR2012	D4	TP2213	D4
IC602	C2	IC2012	C2	IC3408	C4	P2209	D1	QR604	C2	QR2201	B4		
IC2003	D3	IC2013	D3	IC3451	C5	Q603	C1	QR605	C2	QR2202	B4		
IC2003	D5	IC2015	C1	IC3452	B4	Q608	C2	QR2001	C3	QR2203	B4		
IC2004	C2	IC2201	D4	IC3453	C4	Q611	C1	QR2002	D3	QR2204	B4		
IC2005	C3	IC2202	C5	IC3501	C1	Q2007	C4	QR2004	D3	QR3402	C4		
IC2007	C2	IC2204	D4	IC3502	A1	Q2008	D2	QR2005	D4	QR3404	C5		
IC2008	D3	IC2206	В3	IC3503	B1	Q2012	C4	QR2006	D4	TG9037	A4		
IC2009	D2	IC3004	В3	IC3504	B1	Q2013	C4	QR2010	D4	TG9039	D4		
IC2001	C3	IC2010	C2	IC3201	A4	Q3503	B1	QR2011	D4	TP2204	D4		·

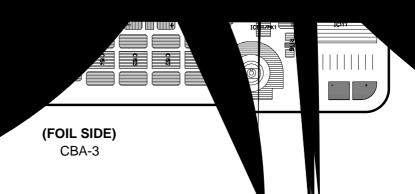


VTR C.B.A. (VEP03G21A)

COMPONENT SIDE												
REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC			
IC2205	D4	IC3455	B4	Q3103	C2	TG9034	B1	TP3010	C3			
IC2207	C4	IP5001	B5	Q3501	B1	TG9035	D3	TP3011	C3			
IC2208	C5	P1001	D3	Q3504	B2	TG9038	D1	TP3012	B4			
IC2209	D4	P1002	D4	Q3506	B1	TP1001	D2	TP3013	B4			
IC3001	C3	P2001	D3	QR3101	B1	TP1002	D3					
IC3002	C2	P2002	C1	QR3102	B1	TP1003	D2					
IC3005	C4	P2003	A4	QR3401	D4	TP1004	C3					
IC3006	C4	Q2201	C5	QR3403	C4	TP2201	D5					
IC3007	C4	Q2202	C4	QR3502	B1	TP3001	C3					
IC3407	C5	Q3102	C2	TG3036	B4	TP3002	C3		,			

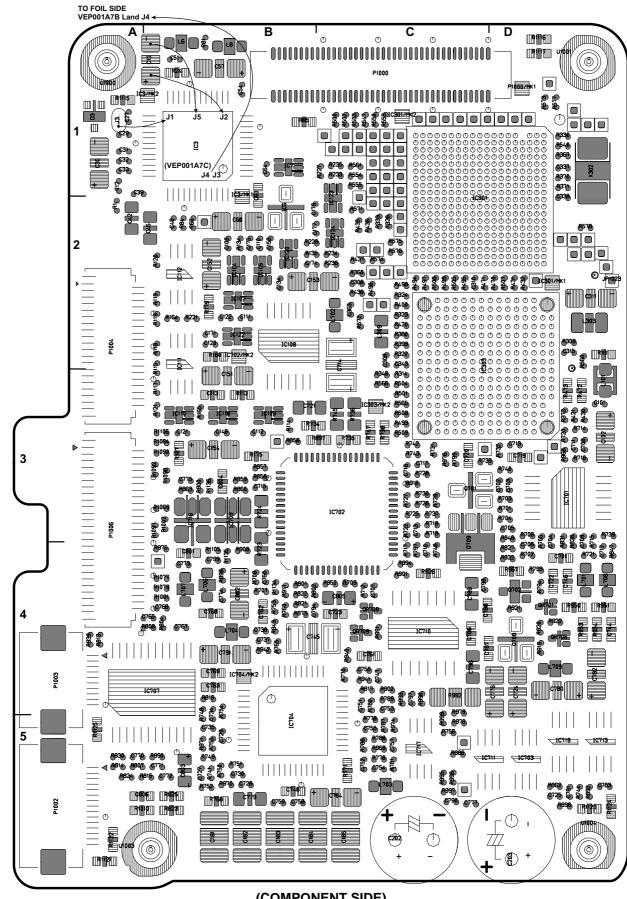


FOIL SIDE
REF
IC1
IC2
IC4
IC5
IC101



CAMERA C.B.A. (VEP23571A)

IC107 IC703 D5 IC711 P1000 C1 Q701 QR705 D4 IC704 IC118 IC6 B2 IC108 B2 B3 IC301 B5 IC713 D5 P1002 A5 Q702 D4 OR708 C4 IC707 IC109 IC716 IC7 B1 B3 IC120 B2 IC303 B4 B3 P1003 A4 Q708 D4 QR709 C4 IC110 IC709 IC104 B2 IC122 IC701 D3 В3 IC717 P1004 A2 Q709 B3

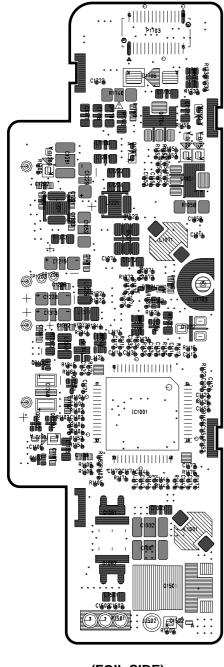


POWER C.B.A. (VEP01914A)

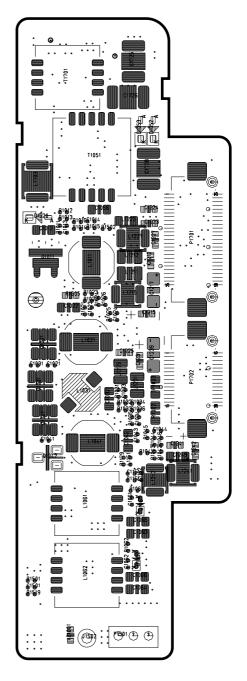
IMPORTANT SAFETY NOTICE: COMPONENTS IDENTIFIED WITH THE MARK \triangle HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS. USE ONLY THE SAME TYPE.



⚠ 印の部品は安全上重要な部品です。 交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

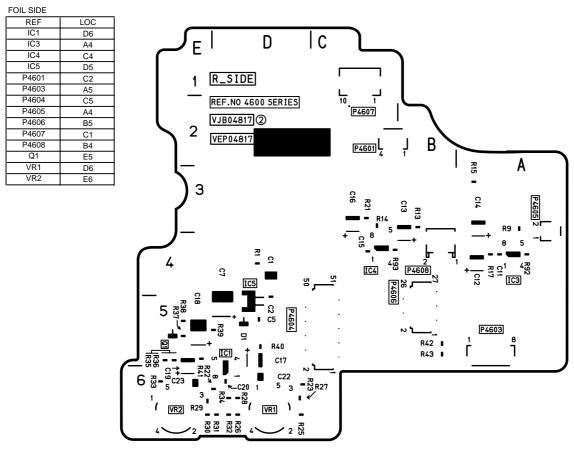




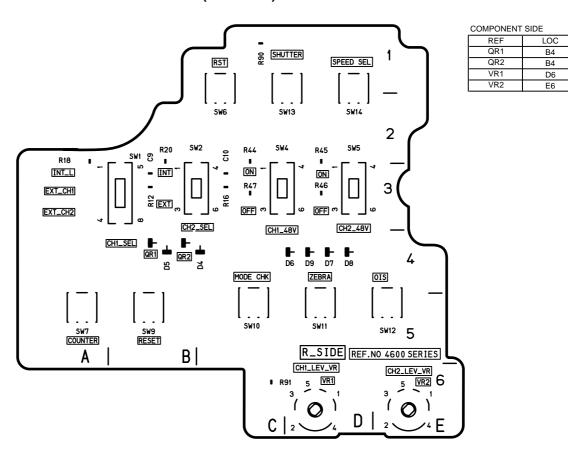


(COMPONENT SIDE)

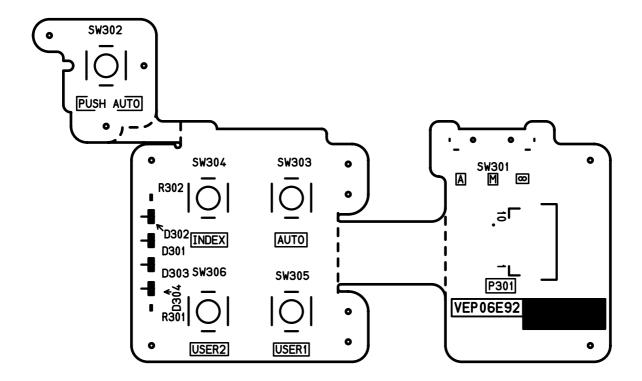
R SIDE C.B.A. (VEP04817A)



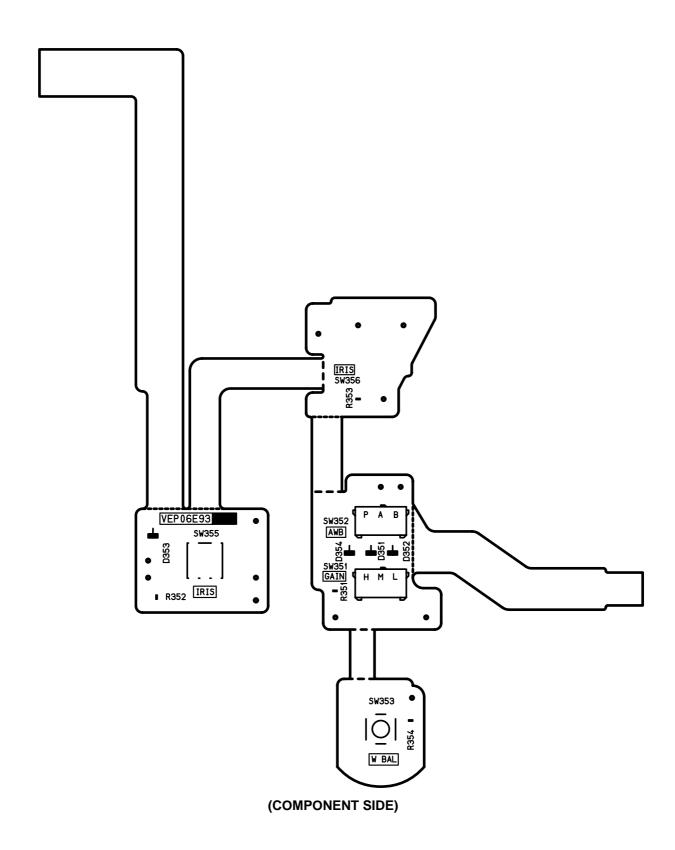
(FOIL SIDE)



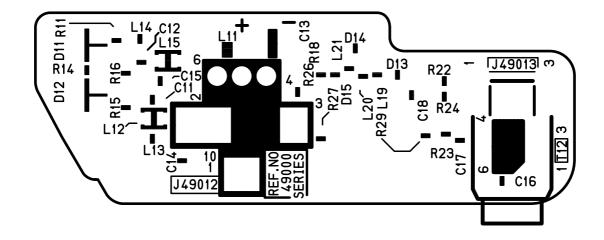
CAMERA OP1 FLEX C.B.A. (VEP06E92A)



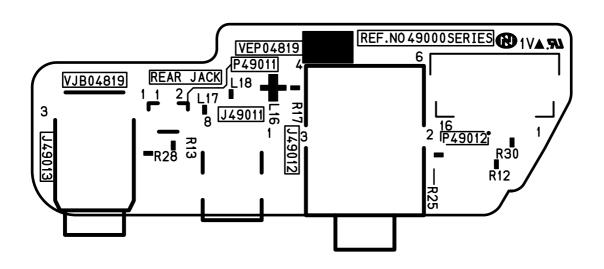
CAMERA OP2 FLEX C.B.A. (VEP06E93A)



REAR JACK C.B.A. (VEP04819A)

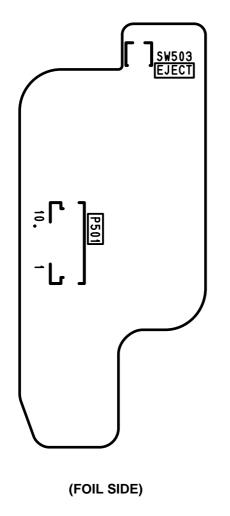


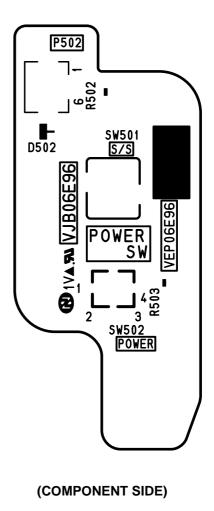
(FOIL SIDE)



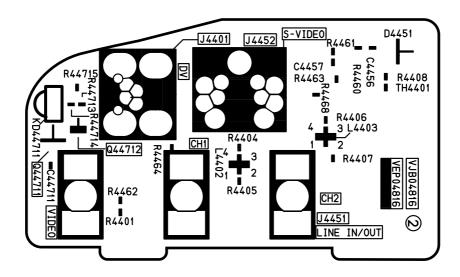
(COMPONENT SIDE)

POWER SW C.B.A. (VEP06E96A)

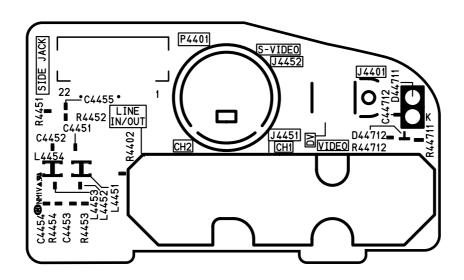




SIDE JACK C.B.A. (VEP04816A)

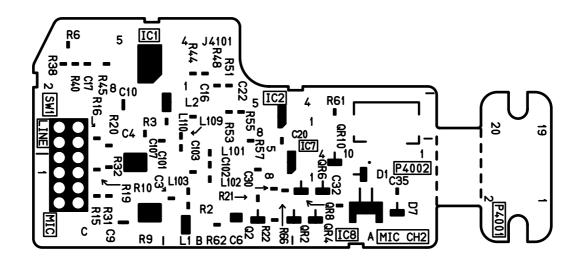


(FOIL SIDE)

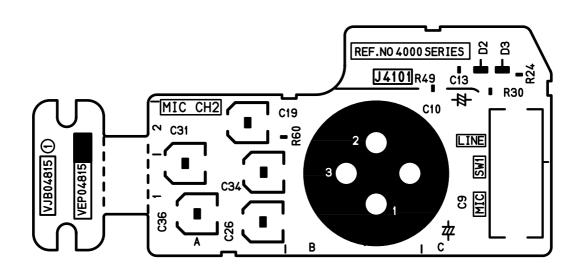


(COMPONENT SIDE)

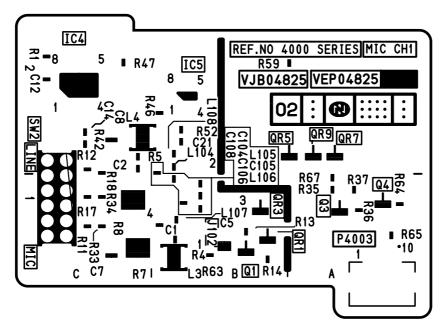
MIC CH2 C.B.A. (VEP04815A)



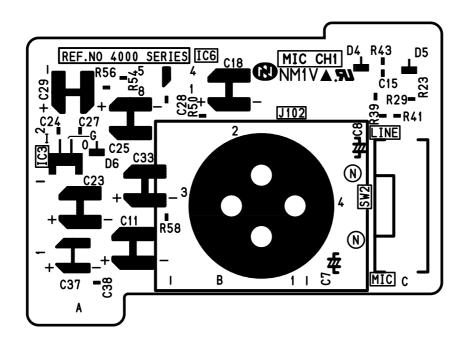
(FOIL SIDE)



MIC CH1 C.B.A. (VEP04825A)

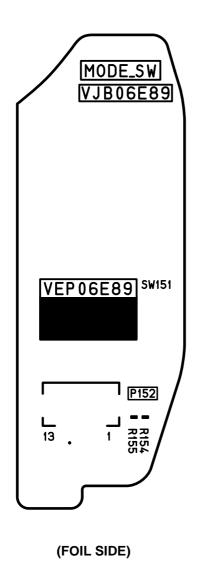


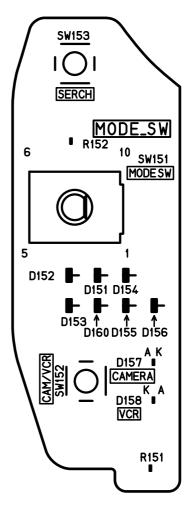
(FOIL SIDE)



(COMPONENT SIDE)

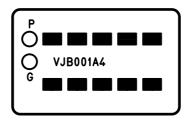
MODE SW C.B.A. (VEP06E89A)





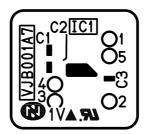
(COMPONENT SIDE)

VTR SUB C.B.A. (VEP001A4A)



(COMPONENT SIDE)

CAMERA SUB 1/2/3 C.B.A. (VEP001A7A/B/C)



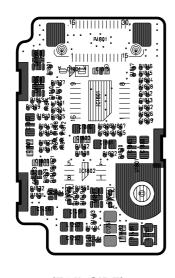
(COMPONENT SIDE)

POWER SUB C.B.A. (VEP001A6A)

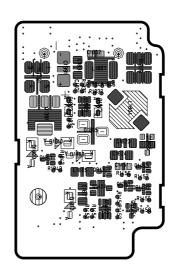


(COMPONENT SIDE)

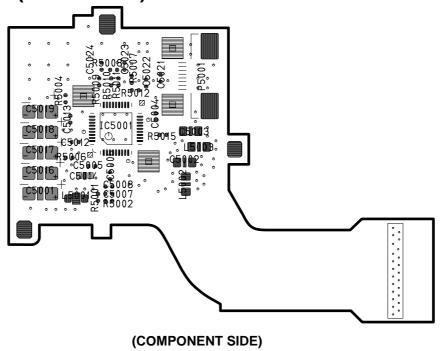
POWER 2 C.B.A. (VEP01922A)



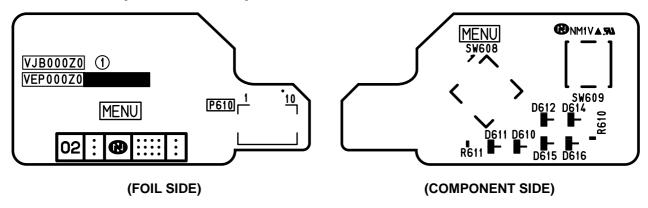
(FOIL SIDE)



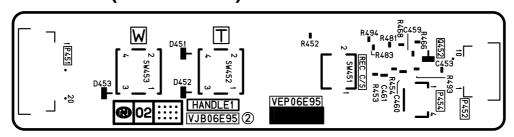
HR AMP C.B.A. (VEP05395A)



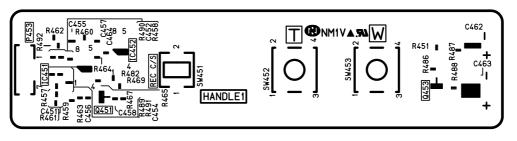
MENU C.B.A. (VEP000Z0A)



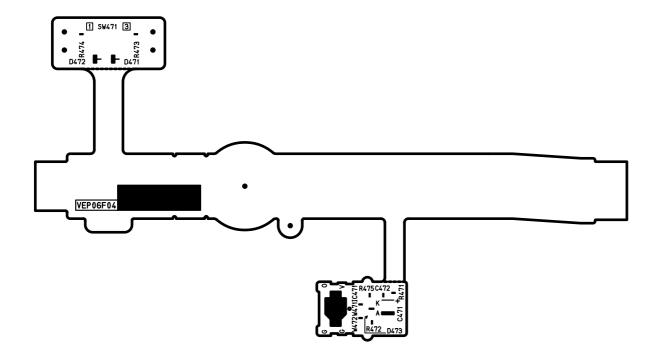
HANDLE 1 C.B.A. (VEP06E95A)



(FOIL SIDE)

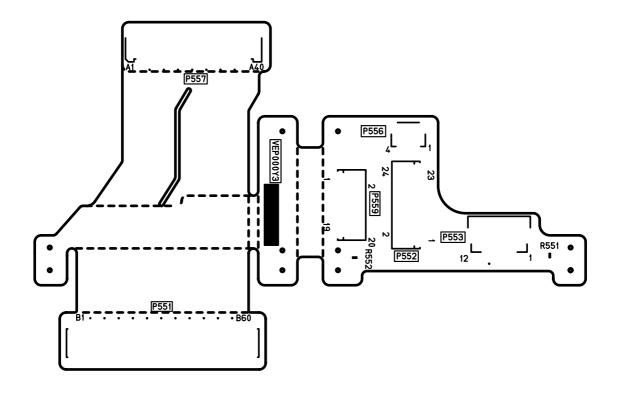


HANDLE 2 FLEX C.B.A. (VEP06F04A)

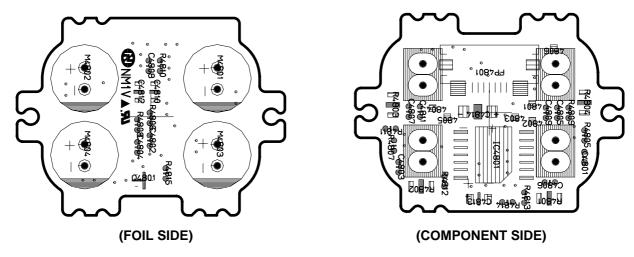


(COMPONENT SIDE)

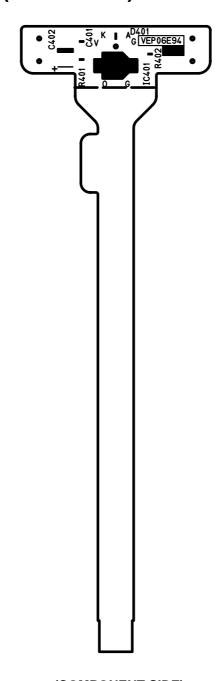
VC CONNECT C.B.A. (VEP000Y3A)



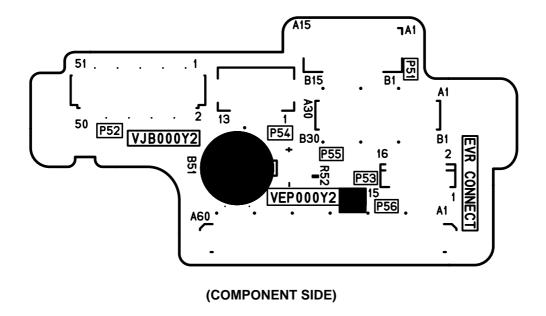
MIC C.B.A. (VEP04828A)



F TALLY FLEX C.B.A. (VEP06E94A)



EVR CONNECT C.B.A. (VEP000Y2A)



LCD OPEN C.B.A. (VEP000Y4A)

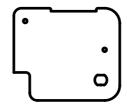


EJECT C.B.A. (VEP000Y7A)



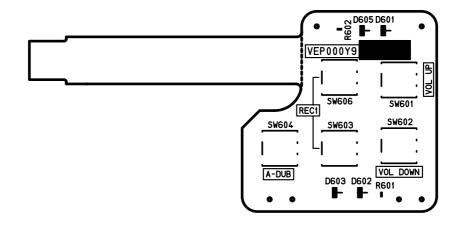
ZOOM SW FLEX C.B.A. (VEP06E90A)





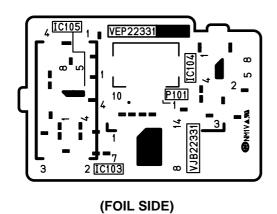
(COMPONENT SIDE)

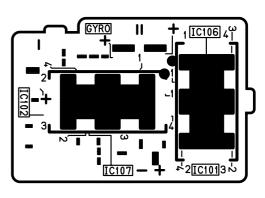
TOP OP C.B.A. (VEP000Y9A)



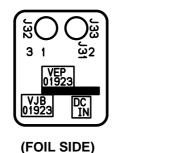
(COMPONENT SIDE)

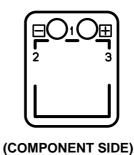
GYRO C.B.A. (VEP22331A)





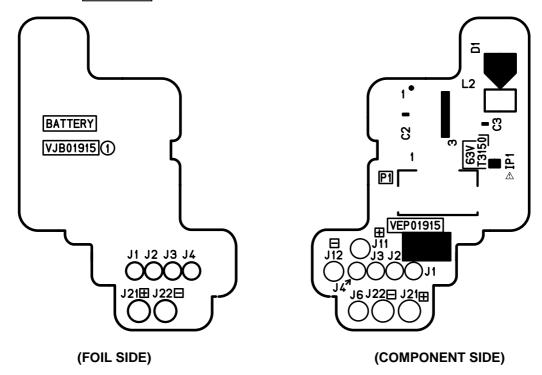
DC IN C.B.A. (VEP01923A)



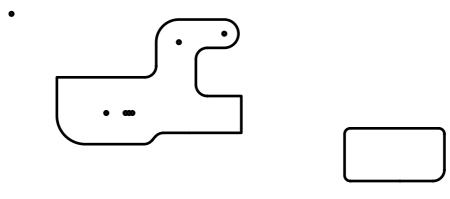


BATTERY C.B.A. (VEP01915A)

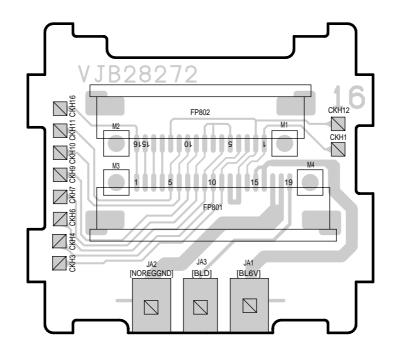
IMPORTANT SAFETY NOTICE: COMPONENTS IDENTIFIED WITH THE MARK \triangle HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS. USE ONLY THE SAME TYPE.



REAR JACK CONNECT C.B.A. (VEP000Y6A)

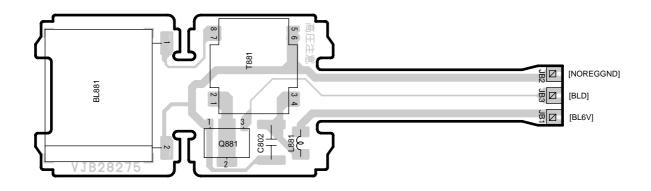


EVF A C.B.A. (VEP28272B)

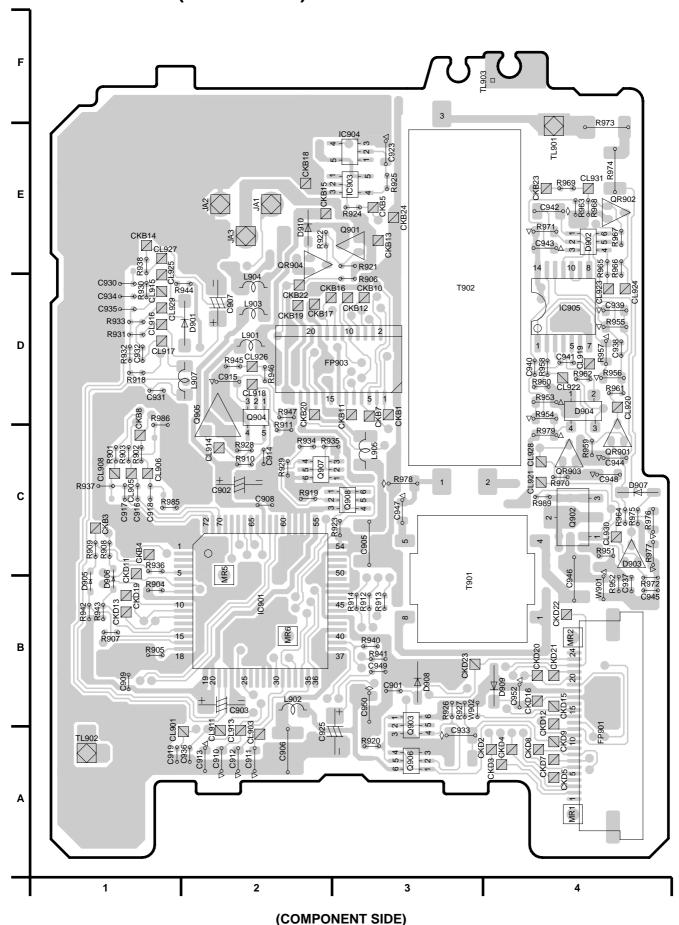


(COMPONENT SIDE)

EVF B C.B.A. (VEP28275B)



MONITOR C.B.A. (VEP26257A)



MONITOR C.B.A. (VEP26257A)

	Monitor C.B.A.											
Integrated	Circuit	CL921	C-4	L907	D-2	C939	D-4	R924	E-3	R962	D-4	
IC901	B-2	CL922	D-4	Transform	er	C940	D-4	R925	E-3	R963	E-4	
IC903	E-3	CL923	D-4	T901	B-3	C941	D-4	R926	B-3	R964	C-4	
IC904	E-3	CL924	D-4	T902	D-3	C942	E-4	R927	B-3	R965	E-4	
IC905	D-4	CL925	D-1	Capacitor		C943	E-4	R928	C-2	R966	E-4	
Transistor		CL926	D-2	C901	B-3	C944	C-4	R929	C-2	R967	E-4	
Q901	E-3	CL927	E-1	C902	C-2	C945	B-4	R930	D-1	R968	E-4	
Q902	C-4	CL928	C-4	C903	B-2	C946	B-4	R931	D-1	R969	E-4	
Q903	A-3	CL929	D-1	C905	C-3	C947	C-3	R932	D-1	R970	C-4	
Q904	D-2	CL930	C-4	C906	A-2	C948	C-4	R933	D-1	R971	E-4	
Q905	D-2	CL931	E-4	C907	D-2	C949	B-3	R934	C-2	R972	B-4	
Q906	A-3	TL901	E-4	C908	C-2	C950	B-3	R935	C-2	R973	E-4	
Q907	C-2	TL902	A-1	C909	B-1	C952	B-4	R936	C-1	R974	E-4	
Q908	C-3	TL903	F-4	C910	A-2	Resistor		R937	C-1	R975	C-4	
Transistor	& Resistor	Connector		C911	A-2	R901	C-1	R938	E-1	R976	C-4	
QR901	C-4	FP901	A-4	C912	A-2	R902	C-1	R940	B-3	R977	C-4	
QR902	E-4	FP903	D-3	C913	A-2	R903	C-1	R941	B-3	R978	C-3	
QR903	C-4	Diode		C914	C-2	R904	B-1	R942	B-1	R979	C-4	
QR904	E-2	D901	D-2	C915	D-2	R905	B-1	R943	B-1	R985	C-1	
Test Point		D902	E-4	C916	C-1	R906	D-3	R944	D-2	R986	C-1	
CL901	A-2	D903	C-4	C917	C-1	R907	B-1	R945	D-2	R989	C-4	
CL903	A-2	D904	D-4	C918	C-1	R908	C-1	R946	D-2	Wire		
CL905	C-1	D905	B-1	C919	A-1	R909	C-1	R947	D-2	W901	B-4	
CL906	C-1	D906	B-1	C923	E-3	R910	C-2	R951	C-4	W902	B-3	
CL908	C-1	D907	C-4	C925	A-2	R911	C-2	R952	B-4	Jumper		
CL911	A-2	D908	B-3	C930	D-1	R912	B-3	R953	D-4	JA1	E-2	
CL913	A-2	D909	B-4	C931	D-1	R913	B-3	R954	D-4	JA2	E-2	
CL914	C-2	D910	E-2	C932	D-1	R914	B-3	R955	D-4	JA3	E-2	
CL915	D-1	Coil		C933	A-3	R918	D-1	R956	D-4			
CL916	D-1	L901	D-2	C934	D-1	R919	C-2	R957	D-4			
CL917	D-1	L902	B-2	C935	D-1	R920	A-3	R958	D-4			
CL918	D-2	L903	D-2	C936	A-2	R921	E-3	R959	C-4			
CL919	D-4	L904	D-2	C937	B-4	R922	E-2	R960	D-4			
CL920	D-4	L905	C-3	C938	D-4	R923	C-3	R961	D-4			

ADDRESS INFORMATION

EXPLODED VIEWS REPLACEMENT PARTS LIST

Note:

- 1. *Be sure to make your orders of replacement parts according to this list.
- 2. Unless otherwise specified, all resistors are in OHMS, K=1,000 OHMS, all capacitors are in MICROFARADS (μF), P=μμF.
- The P.C. Board unit marked with "■" shown below the main assembled parts.
- 3. The P.C. Board unit marked with "■" shown below the main assemble
 4. The parts marked with © on the exploded view show the electric parts.
 5. IMPORTANT SAFETY NOTICE Components identified with the mark Δ have the special characteristics for safety. When replacing any of these components, use only the same type.
- 6. The marking (RTL) indicates the retention time is limited for this item. After the discontinuation of this assembly in production, it will no longer be available.
- 7. "(M)" in Remark column indicates needed in the periodical maintenance.

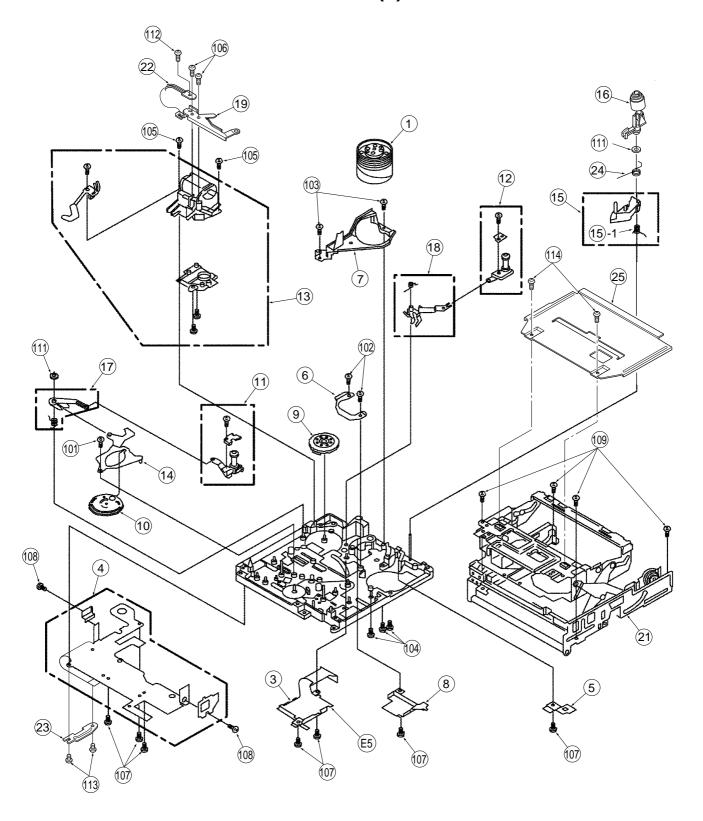
CONTENTS

SERVICING FIXTURES & TOOLS	PRT-1
MECHANICAL CHASSIS ASSEMBLY (1)	PRT-2
MECHANICAL CHASSIS ASSEMBLY (2)	PRT-4
FRAME & CASING PARTS ASSEMBLY (1)	PRT-6
FRAME & CASING PARTS ASSEMBLY (2)	PRT-8
HANDLE & EVF PARTS ASSEMBLY	PRT-10
LCD PARTS ASSEMBLY	PRT-12
PACKING PARTS ASSEMBLY	PRT-14
ELECTRICAL REPLACEMENT PARTS LIST	PRT-16

SERVICING FIXTURES & TOOLS

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name 8	& Description
1301.140.	i dicivo.	. art Hamo a Description	. 03	Romano	1.01.140.	i ditivo.	. art Haine & Desci	puon
1		DV ALIGNMENT TAPE (COLOR BAR)	1					
2		DV ALIGNMENT TAPE (LINEARITY)	1					
3	VFK1217	TAPE END/BEG DET CASSETTE	1		<u> </u>			L
5	VFK1811 VFK1308P	EVR ADJ. SOFTWARE MEASURING BOARD	1					ŀ
6	VFK1309A	EVR CONNECTOR BOARD	1					H
7		EVR EXTENDER BOARD	1					-
8		DC CABLE	1					
9	VFK1317	30PIN FLAT CABLE	1					
10	VFK1809	72MM ATTACHMENT RING	1					
11		43MM ATTACHMENT RING	1					
12		COLLIMATOR SET		(INFINITY LENS)				
13	VFK1341	CC FILTER (LB40)	1					
14	VFK1347 VFK1345	CC FILTER (LB120)	1					
15 16	VFK1345 VFK1346	CC FILTER HOLDER STEP DOWN RING	1					-
17	VFK1546 VFK1659	STEP-UP RING	1	(43MM-49MM)				H
18	VFK1660	STEP-UP RING	1	(49MM-62MM)				H
19	VFK1481E	LISTA SOFTWARE	1					
20	VFK1409A	MEASURING BOARD	1					
21	VFK1233	MECH. NEUTRAL PLATE	1			-		
22	VFK1266	GEAR DRIVER	1					L
23	VFK1149	POST DRIVER	1					L
24		NUT DRIVER (2.5MM)	1		<u> </u>			L
25 26	VFK1810 VFK1186	LISTA MEASURING BOARD LISTA CABLE	1					H
20	v1 IV1100	LIGITA GABLE	1					H
								H
-								
	<u> </u>							L
	<u> </u>							-
								-
							-	
								
	 				-			
								-
					-			
								
	<u> </u>				<u> </u>			
								-
								-
								H
	ļ							
	 				-			
								-
								L
								_
	<u> </u>							

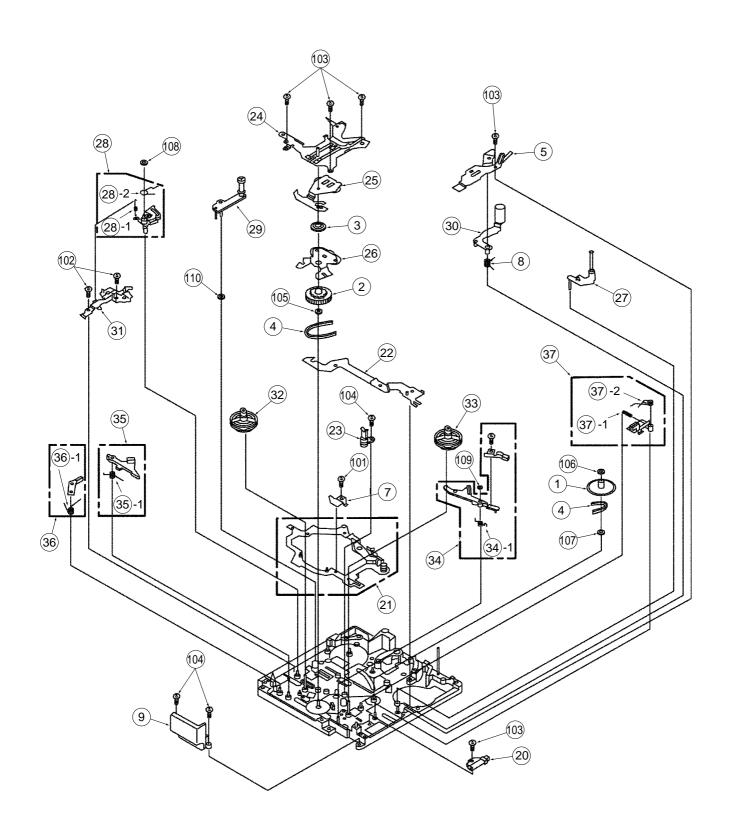
MECHANICAL CHASSIS ASSEMBLY (1)



MECHANICAL CHASSIS ASSEMBLY (1)

			_					ı	1
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VEG1573	CYLINDER UNIT	1	(M)	-				
3	VSC4639	SHIELD CASE	1						
5	VES0928 VMA0D82	FLEXIBLE CABLE CAPSTAN COVER	1						
6	VMA9179	RADON PLATE	1						
7	VMD2373	RAIL	1						
8	VSC4640	SHIELD CASE	1						
9	VSR0114	MODE SW	1	(M)	1				
10	VXA5407	CAM GEAR	_	(M)					
11	VXA5409	S BOAT ASS'Y		(M)					
12	VXA5410	T BOAR ASS'Y	_	(M)					
13	VXA5417	GEAR BOX	1	(M)					
14	VXA5612	RADON ARM ASS'Y	1						
15	VXL2461	T2 ARM ASS'Y	1						
15-1	VMB2789	T2 ARM SPRING	1						
16	VXL3103	CLEANING ARM ASS'Y	1	(M)					
17	VXL2470	S1 ARM ASS'Y	1						
18	VXL2471	T1 ARM ASS'Y	1						
19	VMA0P25	CYLINDER HOLD ANGLE	1						
21	VXA5387	GARAGE ASS'Y	1						
22	EYHS77Y7	DEW SENSOR ASS'Y	1						
23	VMD4706	FLEX HOLDER	1						
24	VMB3518	CLEANING SPRING	1						
25	VMP7361	CASSETTE BLINDER PLATE	1						
	 								
401	V/ID0070	CODEM	-						
101	VHD0080	SCREW SCREW	2		-				
102	VHD0989 XQN14+B4	SCREW	2						
			3						
104	VXQ0439 XQN14+B35	SCREW SCREW	2						
105	XQN14+B35 XQN14+BQ4	SCREW	2		1				
107	XQN14+BQ4 XQN14+B15	SCREW	7		1				
108	XQN14+B13 XQN14+B2	SCREW	2						1
109	VHD0882	SCREW	4						
111	VMX2027	CUT WASHER	2						
112	XQN2+CF3	SCREW	1		1				
113	VHD1285	SCREW	2						
114	XQN2+B2FZ	SCREW	2						
E5	VEP05395A	HEAD AMP C.B.A.	1						
									
									
									
	 								
-	 				<u> </u>				
-	 				-				
	 								
	 				<u> </u>			_	
	 							-	
	 							-	
	 								
	 							-	
	 								
	 							-	
	 							-	
	 								
	 								
	<u> </u>								
	1								
	1								
	1							l	1
								Ì	
			•		E-			-	

MECHANICAL CHASSIS ASSEMBLY (2)

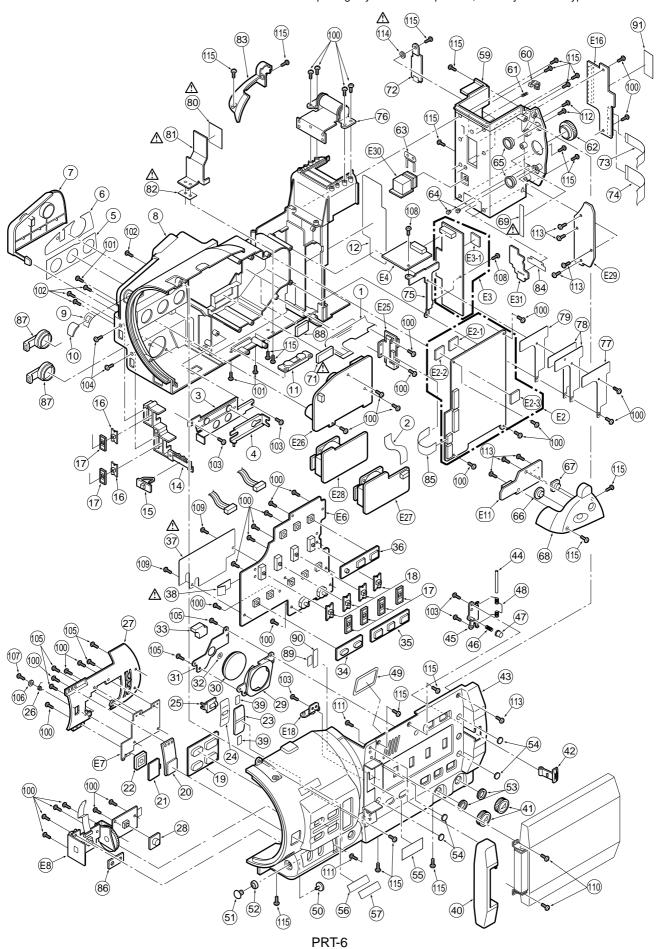


MECHANICAL CHASSIS ASSEMBLY (2)

	1					1		I	
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VDG1445	DRIVE PULLEY	1		-				
2	VDG1445 VDG1031	CENTER PULLEY	1						
3	VDG1032	SENSOR GEAR	1						
4	VDV0265	TIMING BELT	1						
5	VMA9178	PINCH PRESSURE PLATE	1						
7	VMA9181	BRAKE ROD SUPPORT (T)	1						
8	VMB2776	SPRING	1						
9	VSH0067	MIC SWITCH	1	K0MZ55000001					
20	VSJ0114 VXA5401	SOLENOID BRAKE ROD ASS'Y	1						
22	VXA5401 VXA5408	T3 ROD ASS'Y	1						
23	VXA5411	LED HOLDER ASS'Y	1						
24	VXA6576	COVER PLATE ASS'Y	1						
25	VXL2454	P IDLER ARM ASS'Y	1						
26	VXL2455	FR IDLER ARM ASS'Y	1						
27	VXL2456	TENSION ARM ASS'Y	1	(M)					
28	VXL2732	PAD ARM ASS'Y	1	(M)					
28-1	VMB2788	TENSION SPRING	1						
28-2	VMB2787	PAD ARM SPRING	1						
30	VXL2462 VXL3161	T3 ARM ASS'Y PINCH ARM ASS'Y	1	(M)	—				
31	VXL2466	EJECT ARM ASS'Y	1	(m)	-				
32	VXR0355	SUPPLY REEL TABLE	1	(M)					
33	VXR0356	TAKE UP REEL TABLE	1	(M)					
34	VXZ0319	TAKE UP MAIN BRAKE	1						
34-1	VMB2782	T MAIN BRAKE SPRING	1						
35	VXZ0321	SUPPLY MAIN BRAKE	1	(M)					
35-1	VMB2783	S MAIN BRAKE SPRING	1						
36	VXZ0322	FF BRAKE ASS'Y	1	(M)					
36-1 37	VMB2784 VXZ0441	FF BRAKE SPRING REV BRAKE ASS'Y	1						
37-1	VMB3388	REV SPRING	1						
37-2	VMB3389	REV BRAKE SPRING	1						
101	VHD0884	SCREW	1						
102	XQN14+B15	SCREW	2						
103	VHD0883	SCREW	5						
104	XQN14+B35 VMX2503	SCREW C PULLEY WASHER	1						
106	VMX3122	WASHER	1						
107	VMX2504	WASHER	1						
108	VMX2027	CUT WASHER	1						
109	VMX2028	WASHER	1						
110	VMX2394	WASHER	1						
					—				
									_
	-					-			
					<u> </u>				
					-				
							-		
					<u> </u>				
	1					1			

FRAME & CASING PARTS ASSEMBLY

Components identified with the mark \triangle have the special characteristics for safety. When replacing any of these components, use only the same type.



Components identified with the mark Δ have the special characterisitics for safety. When replacing any of these components, use only the same type.

		,				ī	T	_	Т
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	s Remarks
					78	VSC5478	CAMERA C.B.A. SHIELD	2	2
1	VWJ1583	SIDE JACK FLEX.	1		79	VMZ3341	SHIELD INSULATION PLATE 2	1	1
2	VWJ10E5050L0	FLAT CABLE	1		<u></u> № 80	VMG1514	POWER HEAT SINK SHEET 1	1	1
3	VML3710	CLUTCH SLIDE PLATE	1		∆ 81	VSC5471	POWER HEAT SINK SHEET	_1	1
4	VMP7341	CLUTH ANGLE	1		1 82	VMG1515	POWER HEAT SINK SHEET 2	_1	1
5	VGH4612	JACK NAME PLATE B	1		83	VGQ6923	VF CASE (L)	1	1
6	VGH4615	JACK NAME PLATE A	1		84	VEK8719	BATTERY CATHER	1	K4ZZ04000026
7	VJF1470	SIDE JACK CAP	1		85	VWJ10E5050L0	FLAT CABLE	<u> </u>	1
9	VKM5983 VMZ3318	CENTER FRAME AWB COVER HOLDER SHEET	1		86 87	VMG1520	TOGGLE SW CUSHION XLR CAP	1	
10	VKW3078	AWB WINDOW	1		88	VJF1468 VMG1517	CCD HEAT SINK	1	
11	VMD3345	TRIPOD FRAME	1		89	VMZ3356	FPC PROTECT SHEET	1	
12		EVR INSULATION SHEET	1		90	VMZ3357	FPC LOCK SHEET	1	
14	VGQ6902	MIC SWITCHING KNOB HOLDER	1		91	VMZ3345	LED INSULATION PLATE	1	
15	VGU9246	ZOOM CLUCH KNOB	1					İ	
16	VGU9194	MIC SWITCHING KNOB	2						
17	VMG1460	SLIDE SW RUBBER COVER	6						
18	VGU9214	SLIDE KNOB	4		100	XQN2+B4FN	SCREW	35	5
19	VGU9200	CAMERA OP BUTTON	1		101	XQN16+B4FZ	SCREW	3	3
20	VGQ6896	FOCUS KNOB HOLDER	1		102	XYN26+A6FZ	SCREW	4	1
21	VGU9213	FOCUS SLIDE KNOB	_1		103	XYN2+C4	SCREW	5	5
22	VGU9211	FOCUS BUTTON	1		104	XQN16+BJ4FZ	SCREW	2	
23	VGQ6894	ND SWITCHING PIECE	1		105	XQN2+C5	SCREW	6	
24		HOLDER BLIND SHEET	1		106	XWG2	WASHER	1	
25	VGU9222	ND SWITCHING KNOB	1		107	XQN16+BJ3FZ	SCREW	1	
26	VMB3681	FOCUS KNOB SPRING	1		108	XQN2+B35FN	SCREW	2	
27	VGQ6905	ND FILTER HOLDER	1		109	XYN2+F5	SCREW	2	
28		IRIS BUTTON	1		110	XYN2+C6	SCREW	2	
29	VGQ6897	SPEAKER HOLDER	1		111	XQN2+BJ6	SCREW	2	
30		SPEAKER ASS'Y SPEAKER HOLDER ANGLE	1		112	XQN2+B3FZ	SCREW	2	
31			1		113	XQN2+BJ4FZ	SCREW	8	
32	VMT1347 VMT1367	SPEAKER HOLDER CUSHION P.C.B. HOLDER CUSHION	1		<u>↑</u> 114	VMX3286 XQN2+B4FZ	WASHER SCREW	21	
34	VGU9250	RUBBER BUTTON 2	1		115	AQINZ+B4FZ	SCREW		
35	VGU9250 VGU9251	RUBBER BUTTON 3	1		-			⊨	
36	VGU9231 VGU9202	RUBBER BUTTON 1	1					-	
<u> </u>		SIDE (R) SHIELD PLATE	1		E2	VEP23571A	CAMERA C.B.A.	1	1
<u> </u>	VMZ3317	C.B.A. PROTECT SHEET	1		E2-1	VEP001A7A	CAMERA SUB 1 C.B.A.	1	
39	VGQ7175	ND KNOB SHEET	2		E2-2	VEP001A7B	CAMERA SUB 2 C.B.A.	1	1
40	VGQ6874	HINGE COVER	1		E2-3	VEP001A7C	CAMERA SUB 3 C.B.A.	1	1
41	VGU9212	AUDIO ROTATING KNOG	2		E3	VEP01914A	POWER C.B.A.	1	1
42	VGU9197	MONITOR LOCK KNOB	1		E3-1	VEP001A6A	POWER SUB C.B.A.	1	1
43	VGP5800	SIDE CASE (R)	1		E4	VEP01922A	POWER 2 C.B.A.	1	1
44	VMS7187	LCD LOCK SHAFT	1		E6	VEP04817A	R-SIDE C.B.A.	1	1
45	VMP7331	OPENER HOLDER ANGLE	1		E7	VEP06E92A	CAMERA OP1 C.B.A.	1	1
46	VMB3661	POP UP SPRING	1		E8	VEP06E93A	CAMERA OP2 C.B.A.	1	1
47	VGQ6901	MONITOR KNOB	1		E11	VEP000Z0A	MENU C.B.A.	1	
48	VMB3659	MONITOR OPENER SPRING	1		E16	VEP000Y2A	EVR CONNECT C.B.A.	1	
49		SPEAKER NET	1		E18	VEP000Y4A	LCD OPEN SW C.B.A.	1	
50		W.BAL KNOB (LOWER)	1		E25	VEP22331A	GYRO C.B.A.	1	
51		W.BAL KNOB (UPPER)	1		E26	VEP04816A	SIDE JACK C.B.A.	1	
52		RAIN COVER RUBBER (B) VR WATERPROOF RUBBER	2		E27	VEP04815A	EXT MIC CH1 C B A	1	1
53 54	VMG1467 VMG1286	CUSHION RUBBER	2		E28 E29	VEP04825A VEP06E89A	EXT MIC CH1 C.B.A. MODE SW C.B.A.	1	1
55	VMG1286 VMZ3316	MONITOR FPC PROTECT SHEET	4		E30	VEP06E89A VEP01923A	DC IN C.B.A.	1	•
56	VGQ4088	3CCD BADGE TAPE	1		E31	VEP01923A VEP01915A	BATTERY C.B.A.	1	
57	VGQ4088 VGB0322	3CCD BADGE TAFE	1		231	. L. 01010A		H	
59		BACK PANEL	1					H	
60		BATTERY LOCK BUTTON	1					T	
61		BATTERY LOCK SPRING	1					T	
62		MODE SELECT KNOB	1						
63		DCIN ANGLE	1						
64	VGL1012	MODE PANEL LIGHT	2					Γ	
65	VGU9219	CAMERA/VCR BUTTON	2						
66	VGU9209	JOY STICK BUTTON	1						
67	VGU9199	MENU BUTTON	1					Ĺ	
68		VF CASE (R)	1					L	
<u> </u>		BATTERY BLIND SHEET	1					L	
<u> </u>		CCD HEAT SINK SHEET	1					\vdash	
72		EVR COVER	1					\vdash	
73		FLEX. CABLE	1					⊬	
74		R SIDE FPC	1		 			\vdash	
75	VMP7357	C.B.A. HOLDER ANGLE	1		 			\vdash	
76		VF HINGE	1					⊢	
77	VMZ3340	SHIELD INSULATION PLATE 1	1		-			\vdash	
					-			\vdash	
	ı						l	<u>1</u>	1

FRAME & CASING PARTS ASSEMBLY (2) (105) (E23) 35) 6 (33) 103 (51) (E24) (8) 72 21) 119 **110** (32) 20 30 (38) 103 103 104 103 114 (E21) (106) 0 66 E20 (101) 116 (116) (101) (40) 23) 24) 14) 42 109 (46) 70 (43) (116) (E17) (39) 65 112 108 116 76 116 **E**1) 63 64) (56) (71) 80 79 78 116 (11) 62) **61** 116 111 69 68) PRT-8

FRAME & CASING PARTS ASSEMBLY (2)

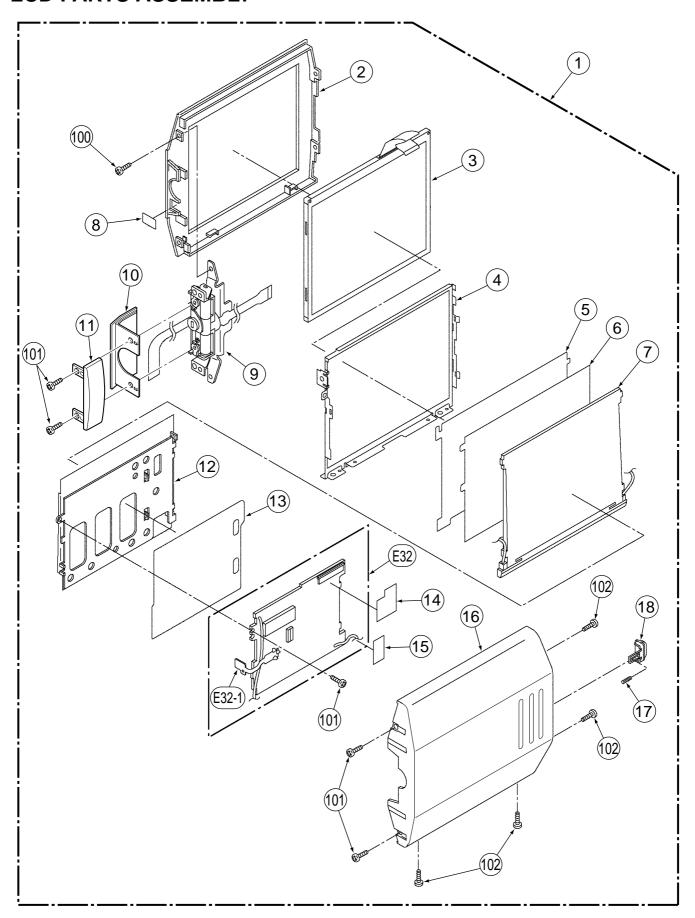
				1		I	1	Т	1
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.		Po	
					75	VEE0T93	MIK IO	-	1
1	VMS7186	ROTATING SHAFT	2		76	VXY1738S	MECHA CHASSIS ASS'Y	-	1 (M)
2	VMZ3097	POWER INSULATION SHEET C	1		77	L6DABFKD0001	ZOOM MOTOR ASS'Y	+-	1
3	VMX0531 VGU9203	CLATCH SPACER REC CHECK RUBBER BUTTON	1		78 79	EVAJGGVA3B14 VXW0565	ZOOM ENCODER LENS ASS'Y		1
5	VGQ6903	ZOON LEVER CASE (R)	1		80	VXV0363 VXQ1083	PRISM ASS'Y	-	1
6	VGQ6904	ZOON LEVER CASE (L)	1		- 00	VXQ1005	T KIOW AGO T	t	-
7	VGQ6996	ZOOM HOLDER (R)	1					F	
8	VGQ6997	ZOOM SPRING HOLDER PIECE	1						
9	VGQ6928	ZOOM SW HOLDER	1		100	XUC15FX	E-RING		3
10	VMB3663	COIL SPRING ZOOM	1		101	XQN2+B3FN	SCREW		7
11	VGU9215	ZOOM LEVER	1		102	XQN16+BJ3FZ	SCREW	-	4
12	VEE0U25	EJECT 1	1		103	XQN2+BJ4FZ	SCREW	-	19
13	VMT1350	CASSETTE COVER GASKET	1		104	VHN0194	SPACER	-	1
14	VGP5801	SIDE CASE (L)	1		105	XQN16+B4FZ	SCREW	_	2
15 16	VGU9206 VGU9216	EJECT KNOB EJECT LOCK BUTTON	1		106	XQN16+BJ4FZ XTB26+6GFZ	SCREW SCREW	_	2
17	VMB3662	EJECT LOCK BUTTON SPRING	1		108	XYN2+C6	SCREW	-	2
18	VGQ6899	EJECT KNOB FIX PIECE	1		109	VMX2535	WASHER	-	1
19	VJF1469	H.P CAP	1		110	XQN2+B35FN	SCREW	t	4
20	VGU9204	POWER BUTTON	1		111	XQN2+B4FZ	SCREW	1	11
21	VGU9205	S/S BUTTON	1		112	VHD1546	SCREW		1
22	VGU9201	POWER LOCK BUTTON	1		113	XQN2+BJ5FZ	SCREW		4
23	VGQ6998	S/S BUTTON HOLDER	1		114	XQN2+C6FZ	SCREW	_	1
24	VGQ6884	S/S HOLDER PIECE	1		115	VHD1100	SCREW	-	3
25	VMP7337	LOCK LEVER HOLDER ANGLE	1		116	XQN2+B4FN	SCREW	-	16
26	VMS7211	PIN CASSETTE LOCK LEVER	2		117	VHD1538	SCREW	-	1
27	VMP7339 VMS7203	CASSETTE LOCK LEVER EJECT LOCK PIN	7		118	VHD0866 XYN2+C6	SCREW SCREW	-	1
29	VMB3680	EJECT LOCK BUTTON SPRING	1		113	A1142100	00	H	-
30	VGH4613	GRIP COVER WINDOW	1					H	
31	VGP5804	CASSETTE COVER	1					T	
32	VGF0952	SHIELD PLATE	1		E1	VEP03G21A	VTR C.B.A.		1
33	VMP7338	CASSETTE COVER FIX ANGLE	1		E1-1	VEP001A4A	VTR SUB C.B.A.		1
34	VMP6741	BELT HOLDER ANGLE	1		E17	VEP000Y3A	VC CONNECT C.B.A.	_	1
35	VFB0215	GRIP BELT	1		E19	VEP000Y6A	R JACK CONNECT C.B.A.	-	1
36	VMP7325	GRIP BELT ANGLE (FRONT)	1		E20	VEP000Y7A	EJECT C.B.A.	_	1
37	VMP7501	HOLDER ANGLE	1		E21 E22	VEP04819A	REAR JACK C.B.A.	-	1
38	VMC1092 VMC1835	CASSETTE DOWN SPRING LINK DUMPER SPRING	1		E22	VEP06E96A VEP06E90A	POWER SW C.B.A. ZOOM SW C.B.A.	⊢	1
40	VMA9219	OPEN ANGLE (A)	1		E24	VEP000Y9A	TOP OP C.B.A.	-	1
41	VMS5748	LINK PIN (B)	1					F	
42	VMA9220	OPEN LINK (B)	1					T	
43	VMA0P91	LINK ANGLE	1						
44	VMX2397	ARM STAND ROLLER	1						
45	VMS7293	ARM STAND PIN	1						
46	VMS5747	RINK PIN (A)	1						
47	VDP1653	ROTATION ROLLER	1					L	
48	VGP5798	TOP PANEL	1		-			H	
49 50	VGU9195 VGU9210	REC BUTTON REC/DUB BUTTON	2		-			┢	+
50	VGU9210 VGU9249	AUDIO MONITOR BUTTON (-)	1					H	+
52	VGU9196	AUDIO MONITOR BUTTON (+)	1					f	+
53	VMG1478	TOP SW BUTTON RUBBER	1					f	1
54	VMP7432	TOP SUPPORT ANGLE	1					T	
55	VGQ6919	CAP COVER	_ 1						
56	VGQ6920	LENS COVER KNOB	1						
57	VGQ6883	LENS CAP	1						
58	VMG1463	DUSTPROOF RUBBER	3					L	
59	VMP7336	MECHA HOLDER ANGLE	1		<u> </u>			L	+
60	VMZ3295	MECHA BARRIER	1					┝	+
61	VGQ6885 VKA0340	BOTTOM COVER GLIP DUSTPROOF RUBBER	1		-			H	+
63	VGU9255	HOOD FIX PIECE	1					H	+
64	VGQ6882	LENS HOOD	1					H	+
65	VMP7605	LENS HOOD WINDOW	1					f	+
66	VGQ7077	MECHA DUSTPROOF COVER	1					Ī	
67	VMT1348	CASSETTE COVER GASKET (U)	1						
68	VXP2212	FOCUS RING ASS'Y	1					L	
69		FIX RING ASS'Y	1					Ĺ	
70	VJF1472	FLEX. HOLDER	1					L	
71	VXW0563	CAMERA LENS ASS'Y	1					L	+
72	VGQ7078	RUBBER CAP	1		<u> </u>			L	+
73	VEE0T92	INT MIC	1		-			H	+
74	VDW0854	ZOOM RING	1					┝	+
					—			H	+
					L	l	l .	1_	_1

HANDLE & EVF PARTS ASSEMBLY 44 (43) 46) 53 **9** 34 42 **41 40** (33) 102 110 9 8 **P** (30) 31) 35 103 101) 4 104 (E12) 2 26 100 (E13) 106 (105) 101 25 101 107 (107) 15 101) -108 (E14) **(51)** 47 106 24) 19 (21) 106 E15) 111 (18) 13 PRT-10

HANDLE & EVF PARTS ASSEMBLY

D () ;	D. 11	Best New O.B. 111	_		5	р	Dest No. 2 Dest 111	_	
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Рс	s Remarks
1	VMP7328	HANDLE SLIDE ANGLE	1		E12	VEP06E95A	HANDLE 1 C.B.A.	١.	1
2	VGU9214	SLIDE KNOB	1		E13	VEP06F04A	HANDLE 2 C.B.A.	+	
3	VMG1460	SLIDE SW RUBBER COVER	1		E14	VEP04828A	MIC C.B.A.	١,	
4	VKH0410	HANDLE	1		E15	VEP06E94A	F TALLY C.B.A.	1	1
5	VGQ6888	HANDLE FRONT COVER	1						
6	VJF1421	SHU	1						
7	VMC1697	SPRING	1						
8	VKW3080	REAR TALLY COVER	1						
9	VGL1011	TALLY LIGNT	1					-	
10	VMG1479 VGU9207	HANDLE S/S BUTTON RUBBER HANDLE S/S BUTTON	1		-			-	
12	VGQ6872	MIC CASE	1					1	
13	VKW3079	FRONT TALLY COVER	1					╁	_
14	VKW3081	FRONT TALLY LIGHT	1						-
15	VKN0168	MIC NET (SIDE)	1						
16	VGQ6876	FRONT PUNCHING PANEL 1	1						
17	VGQ6921	FRONT PUNCHING PANEL 2	1						
18	VGQ6877	FRONT PUNCHING PANEL	1						
19	VKN0167	MIC NET (FRONT)	2						
20	VGQ6352	DUMPER HOLDER PIECE	1						
21	VGQ6891	MIC P.C.B. HOLDER	1		<u> </u>			-	1
22	VGQ6878	MIC RUBBER FIX PIECE	1						
23	VMG1459 VMP7329	MIC RUBBER HOLDER MIC HOLDER ANGLE	1		<u> </u>			H	-
25	VGQ6873	HANDLE COVER	1					-	†
26	VGQ6887	MIC CASE (LOWER)	1						
27	VDK0173	HELICOID	1						†
28	VGQ6879	DIOPTER GEAR	1						
29	VGQ6890	EVF FILTER HOLDER	1						
30	VWJ1586	EVF FPC	1						
31	VMX2967	PB SPACER	1						
32	L5BDDXE00001	ACTIVE MATRIX LCD PANEL	1					-	
33	VGQ7088	LCD MASK	1		-			-	
34 35	VGQ6926 VMC1612	LCD CASE EVF EARTH SPRING	1					1	
36	VMP7360	EVF COVER ANGLE	1					╁	
37	VMC1808	EVF EARTH SPRING	1					1	
38	VGQ6927	EVF COVER	1					l	
39	VGP5799	EVF CASE	1						
40	VGQ3855	DIOPTER ADJUST BRACKET	1						
41	VGU6944	EYE SIGHT ADJ. DIAL	1						
42	VMG1286	CUSHION RUBBER	2						
43	VXW0567	EVF LENS ASS'Y	1					-	
44	VDL1348	EVF FILTER	1					-	
45 46	VGQ6889 VEQ3317	EVF EYE CAP HOLDER EVF ASS'Y	1		-				
47	VYH0300	HANDLE ASS'Y	1					1	
48	VGQ7120	FILTER	1					1	
	VGQ6892	EVF HINGE COVER	1					1	
50	VGF0957	MIC SHADING SHEET	1						1
51	VMZ3344	INSULATION PLATE	1					l	
52	VMZ3361	SHEET	1	·					
53	VMX3293	SHEET	1						
54	VMS7303	EYE SIGHT KNOB SHAFT	1						<u> </u>
			Щ						<u> </u>
					<u> </u>			-	
100	XQN2+C4	SCREW	-					-	
100	XQN2+C4 XQN2+B4FZ	SCREW	6 9		<u> </u>				
101	XSN2+4FC	SCREW	1					-	+
103	XSS2+4FZ	SCREW	4						
104	XQN2+BJ3FZ	SCREW	1						+
105	XYN2+J4	SCREW	1						1
106	XQN2+BJ4	SCREW	4						
107	XWG2	WASHER	2					L	
108	XQN2+BJ5FZ	SCREW	5	-					
109	XQN2+BJ4FZ	SCREW	12						
110	XQN16+C25FZ	SCREW	5						<u> </u>
111	XQN2+CJ6FZ	SCREW	3						
			L		<u> </u>			-	-
					<u> </u>				
EO	VED20270D	EVE A C B A	1		-			-	+
E9 E10	VEP28272B VEP28275B	EVF A C.B.A. EVF B C.B.A.	1		<u> </u>			H	-
EIV	v:r202/3B	EVI D C.D.A.	1		—			-	-
			H					-	+
	L	I.	1			J	ı	1	.1

LCD PARTS ASSEMBLY

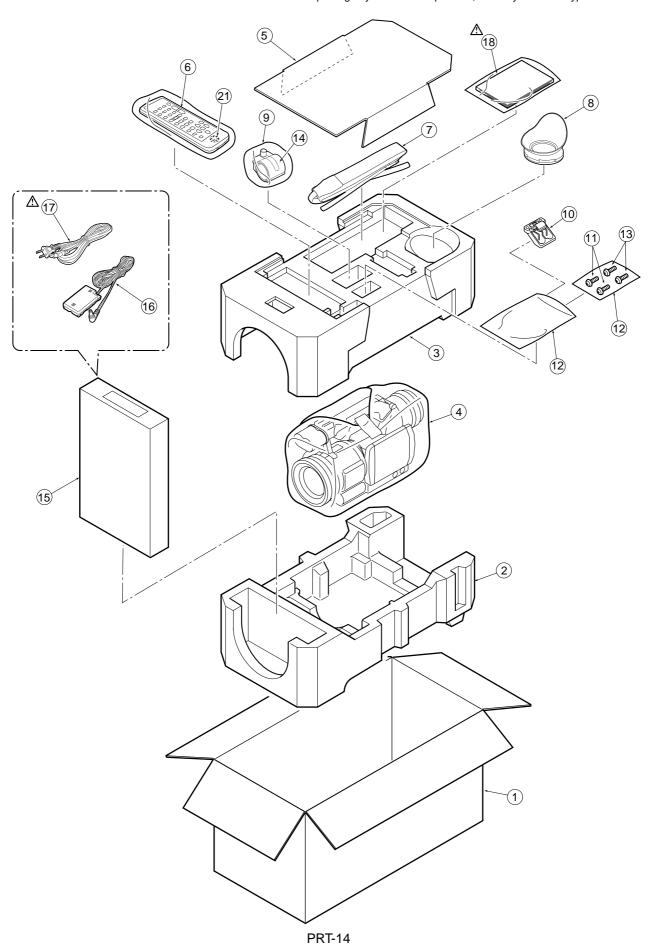


LCD PARTS ASSEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Kel.No.	Fait No.	Fait Name & Description	F (5	Remarks	Kel.No.	Fait NO.	Fait Name & Description	FC	Remarks
1	VYK0K36	LCD ASS'Y	1						
2		LCD CASE (LOWER)	1						
3	L5DDYM00004	LCD PANEL	1						
4		LCD FRAME	1						
5		POLAZING SHEET	1						
6		DIFFUSION SHEET	1						
		BACK LIGHT (1)	1						
9	VGQ4758 VXD0357	BLIND SHEET (A) LCD HINGE (2)	1						
		HINGE COVER (LOWER)	1						
		HINGE COVER (UPPER)	1						
		P.C.B. FIX ANGLE	1						
13	VGQ5844	LCD BARRIER	1						
14	VGQ6408	BARRIER (LCD)	1						
15	VGQ5507	BARRIER (LCD-B)	1						
16	VGP5802	LCD CASE (UPPER)	1						
17	VMB3457	LCD LOCK SPRING	1						
18	VGQ6447	LCD LOCK PIECE	1						
								-	
100	XQN16+B2FN	SCREW	1					H	
101		SCREW	5						
102		SCREW	4					t	
E32		MONITOR C.B.A.	1						
E32-1	VEP06E29A	HALL SENSOR FLEX CARD	1						
								-	
								-	
					-				
					<u> </u>			_	
					<u> </u>			H	
								_	
						<u> </u>			<u> </u>

PACKING PARTS ASSEMBLY

Components identified with the mark \triangle have the special characteristics for safety. When replacing any of these components, use only the same type.



PACKING PARTS ASSEMBLY

	1	ī				When replaci	I		1
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
			Ш						
2	VPG0Q64	PACKING CASE	1		L				
	VPN5826	CUSHION (LOWER)	1						
	VPN5825	CUSHION (UPPER)	1						
4	VPF0884	POLYETHYLENE BAG	1						
5	VPN5903	PARTITION PLATE	1						
3	VFA0354	WIRELESS REMOTE CONTROL	1						
7	VFC3891	SHOULDER BELT	1						
8	VMG1458	EYE CAP							
9	VPF0179	POLYETHYLENE BAG	1						
10	VYC0890	MIC HOLDER ADAPTOR	1						
11	XSB4+6FZ	SCREW	2						
12	VPF1016	POLYETHYLENE BAG	2						
13	XSB4+12FXKS	SCREW	1						
14 15	VYC0870	MIC HOLDER ASS'Y	_						
	VPK0825	ACCESSORY BOX	1						
16	VEK8722	DC CABLE ASS'Y							
17	K2CB2DB00001	POWER CODE	1						
8	VQT0A97	OPERATING INSTRUCTIONS							
1	CR2025	BATTERY	1		I				
			1		-				
					<u> </u>			-	
					-				
					<u> </u>			-	
					<u> </u>			-	
					<u> </u>			-	
					<u> </u>			-	
					<u> </u>			-	
					<u> </u>			-	
					-				
					<u> </u>			-	
					-				
					-				
					L				
					L				
					<u> </u>			-	
					<u> </u>			-	
					<u> </u>			_	
					<u> </u>			-	
					<u> </u>			-	
					<u> </u>				
					<u> </u>				
					-				
								-	
					-				
					<u> </u>			-	
					<u> </u>				
					-				
					<u> </u>				
					<u> </u>				
					<u> </u>				
								-	
								-	
					<u> </u>			-	
			Ш					Ĺ	
								Ĺ	
	1								
	<u> </u>		_ '						

ELECTRICAL REPLACEMENT PARTS LIST

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Po	s Remarks
1301.140.	i dit NO.	. archamo a Description	. 03	Romano	1.61.140.	i dit NO.	. art Hamo & Description		Romano
■ E1	VEP03G21A	VTR C.B.A.	1	(RTL)	■ E1	VEP03G21A	VTR C.B.A.	Γ	1 (RTL)
	VEP001A4A	VTR SUB C.B.A.	1	(RTL)FOR VEP03G21A		VEP001A4A	VTR SUB C.B.A.	L	1 (RTL)FOR VEP03G21
■ E2	VEP23571A	CAMERA C.B.A.	1	(RTL)					
	VEP001A7A	CAMERA SUB 1 C.B.A.	1	(RTL)FOR VEP23571A	C1-10	F1L1E1060018	C.CAPACITOR CH 25V 10U	1	0 FOR VEP001A4A
	VEP001A7B	CAMERA SUB 2 C.B.A.	1	(RTL)FOR VEP23571A	C600	F1H0J105A002	C.CAPACITOR CH6.3V 1U		1
	VEP001A7C	CAMERA SUB 3 C.B.A.	1	(RTL)FOR VEP23571A	C602	ECUX1H680JCQ	C.CAPACITOR CH 50V 68P	L	1
					C604	F3F1A226A008	T.CAPACITOR CH 10V 22U		1
■ E3	VEP01914A	POWER C.B.A.	1	(RTL)	C605	F1H0J105A002	C.CAPACITOR CH6.3V 1U	L	1
	VEP001A6A	POWER SUB C.B.A.	1	(RTL)FOR VEP01914A	C606,07	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	-	2
					C610	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U		
■ E4	VEP01922A	POWER 2 C.B.A.	1	(RTL)	C611	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U		
	VEDOS	We will on the		(0.71)	C612	ECUX1A105KBN	C.CAPACITOR CH 10V 1U		
■ E5	VEP05395A	H/R AMP C.B.A.	1	(RTL)	C614	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P		
■ 50	VED040474	D CIDE C B A		(DTL)	C616	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	+	1
■ E6	VEP04817A	R SIDE C.B.A.	1	(RTL)	C617	F1J1C105A091	C.CAPACITOR CH 16V 1U	-	1
- -7	VEDOCEOOA	CAMERA ORA O RA	_	(DTL)	C618-20	F1H0J474A002	T.CAPACITOR CH6.3V 0.47U	+-	3
■ E7	VEP06E92A	CAMERA OP1 C.B.A.	1	(RTL)	C625	F1H0J474A002	T.CAPACITOR CH6.3V 0.47U C.CAPACITOR CH6.3V 1U		1
■ C 0	VEP06E93A	CAMERA ORGO R A	-	(DTI)	C626	F1H0J105A002		1	1
■ E8	v EFU0E93A	CAMERA OP2 C.B.A.	1	(RTL)	C627 C628	F1G1A104A014 F1H0J105A002	C.CAPACITOR CH 00V 0.1U C.CAPACITOR CH6.3V 1U	1	1
■ E9	VEP28272B	EVF A C.B.A.	1	(RTL)	C628	F1H0J105A002 F1J1A335A003	C.CAPACITOR CH6.3V 10 C.CAPACITOR CH 10V 3.3U		1
■ L3	· - 1 20212D	ET A O.D.A.	_	(···-)	C630	ECJ0EB1C682K	C.CAPACITOR CH 10V 3.30 C.CAPACITOR CH 16V 6800P		
■ E10	VEP28275B	EVF B C.B.A.	1	(RTL)	C631	ECUX1C104KBV	C.CAPACITOR CH 16V 6800P		
= LIV	· = 1 20210D	2.1. D O.D.M.		(···-)	C633	F1G1A104A014	C.CAPACITOR CH 16V 0.1U		•
■ E11	VEP000Z0A	MENU C.B.A.	1	(RTL)	C666	ECJ3YB1C225K	C.CAPACITOR CH 16V 2.2M		
= -11	· LI UUULUA		- 1	···-/	C672	ECJ3YB1C225K ECJ2YB1A105K	C.CAPACITOR CH 16V 2.2M	-	1
■ E12	VEP06E95A	HANDLE 1 C.B.A.	1	(RTL)	C2001	F1J0J106A014	T.CAPACITOR CH6.3V 10U	-	1
	00200/1			v···-/	C2001	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	-	1
■ E13	VEP06F04A	HANDLE 2 C.B.A.	1	(RTL)	C2004-08	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	_	5
		- 500		. /	C2009	F1G1H6R00004	C.CAPACITOR CH 50V 6P		
■ E14	VEP04828A	MIC C.B.A.	1	(RTL)	C2010	F1G1H5R00004	C.CAPACITOR CH 50V 5P	H	1
_				. ,	C2011-14	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	t.	4
■ E15	VEP06E94A	F TALLY C.B.A.	1	(RTL)	C2015	ECUX1A105KBN	C.CAPACITOR CH 10V 1U		
		-		, ,	C2017	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U		•
■ E16	VEP000Y2A	EVR CONNECT	1	(RTL)	C2021	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U		1
					C2022	ECJ0EC1H101J	C.CAPACITOR CH 50V 100P		1
■ E17	VEP000Y3A	VC CONNECT C.B.A.	1	(RTL)	C2024	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U		1
					C2028	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U		1
■ E18	VEP000Y4A	LCD OPEN SW C.B.A.	1	(RTL)	C2029	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	Ĺ	1
					C2030	F1G1H100A448	C.CAPACITOR CH 50V 10P		1
■ E19	VEP000Y6A	REAR JACK CONNECT C.B.A.	1	(RTL)	C2031	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P		1
					C2032	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U		1
■ E20	VEP000Y7A	EJECT C.B.A.	1	(RTL)	C2033	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P		1
	-				C2034	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	L	1
■ E21	VEP04819A	REAR JACK C.B.A.	1	(RTL)	C2035	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	L	1
					C2037	ECJ0EB1A473K	C.CAPACITOR CH 10V 0.047U	L	1
■ E22	VEP06E96A	POWER SW C.B.A.	1	(RTL)	C2038	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	L	1
					C2039		C.CAPACITOR CH 16V 0.01U	L	1
■ E23	VEP06E90A	ZOOM SW C.B.A.	1	(RTL)	C2041	!	C.CAPACITOR CH 16V 0.01U		
	VED00-11-	TOD OD OD :		(0.71.)	C2043	F1G1H100A448	C.CAPACITOR CH 50V 10P	_	
■ E24	VEP000Y9A	TOP OP C.B.A.	1	(RTL)	C2044	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	-	1
- 505	VEDOCCO	CVDO C D A		(DTL)	C2048	!	C.CAPACITOR CH 10V 1U		
■ E25	VEP22331A	GYRO C.B.A.	1	(RTL)	C2050	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	-	1
= 500	VED040404	CIDE IACK O D A	_	(DTL)	C2052		C.CAPACITOR CH 10V 1U		
■ E26	VEP04816A	SIDE JACK C.B.A.	1	(RTL)	C2055	ECUVACAGE/CRN	C.CAPACITOR CH 16V 0.01U		1
■ 507	VED040454	EVT MIC CH2 C D A		(DTL)	C2101	ECUX1C105KBN		H	1
■ E27	VEP04815A	EXT MIC CH2 C.B.A.	1	(RTL)	C2201	ECUVICIONERY	C.CAPACITOR CH 16V 0.01U		2
■ E20	VEP04825A	EYT MIC CU1 C B A	4	(PTI)	C2202,03	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 10V 1U	_	1
■ E28	V ⊆FU4823A	EXT MIC CH1 C.B.A.	1	(RTL)	C2204	ł		-	
■ E29	VEP06E89A	MODE SW C.B.A.	4	(RTL)	C2205,06 C2207	F1J1A335A003	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 10V 3.3U		1
■ E29	V L F U O E O Y A	INIODE SW G.D.A.	- 1	(INTL)	C2207	ECJ0EC1H150J	C.CAPACITOR CH 10V 3.30 C.CAPACITOR CH 50V 15P		
■ E30	VEP01923A	DC IN C.B.A.	4	(RTL)	C2208	F1J1A335A003	C.CAPACITOR CH 50V 15P		
E3U	v L F U 1923A	טטטווי ט.ט.ת.	- 1	(1112)	C2209 C2210	ECUX1A564KBN		_	1
■ E31	VEP01915A	BATTERY C.B.A.	1	(RTL)	C2210	F1J1A335A003	C.CAPACITOR CH 10V 0.560		
■ L31	1 0 15 15A	S. TERT O.J.A.	_	···-/	C2211	!	C.CAPACITOR CH 10V 3.30	-	1
■ E32	VEP26257A	MONITOR C.B.A.	1	(RTL)	C2212		C.CAPACITOR CH 10V 0.560 C.CAPACITOR CH 25V 0.023U		
■ E32	VEP26257A VEP06E29A	HALL SENSOR FLEX CARD CBA	-	(RTL) (RTL)FOR VEP26257A	C2213	!	C.CAPACITOR CH 25V 0.0230 C.CAPACITOR CH 16V 0.047U	-	
-	V L F U O E Z Y A	HALL SENSOR FLEX CAKD CBA	1	(INTEJITOR VEFZ0Z0/A	C2214 C2215	ECST0JY475Z	T.CAPACITOR CH 16V 0.047U	⊢	1
								H	3
					C2216-18	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	H	1
					C2219 C2220	ECJ0EC1H270J	C.CAPACITOR CH 50V 27P	1	1
						ECUVICIOEKRN	C.CAPACITOR CH 25V 3300P	-	1
					C2221	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	H	1
					-			1	
					L	l .	<u>l</u>	_	1

	I						ı	Г	
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Po	s Remarks
C2222	ECUX1E273KBV	C.CAPACITOR CH 25V 0.027U	1		C3132	F1J0J475A006	C.CAPACITOR CH6.3V 1U	L	1
C2223	ECJ0EC1H101J	C.CAPACITOR CH 50V 100P	1		C3134	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U		1
C2225	F1J1A335A003	C.CAPACITOR CH 10V 3.3U	1		C3136,37	F1H0J105A002	C.CAPACITOR CH6.3V 1U		2
C2226	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1		C3138	F3F1A1060001	T.CAPACITOR CH 10V 10U		1
C2227	F1J1A335A003	C.CAPACITOR CH 10V 3.3U	3		C3139	F3E0G1060002	T.CAPACITOR CH 4V 10U C.CAPACITOR CH 10V 0.1U	-	1
C2228-30	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.01U	2		C3140,41	ECJ0EB1A104K			4
C2231,32 C2233	ECJ0EB1C103K F1J1A335A003	C.CAPACITOR CH 16V 0.010	1		C3142 C3143	F3F1A226A008 ECJ0EB1C103K	T.CAPACITOR CH 10V 10U C.CAPACITOR CH 16V 0.01U	H	1
C2234	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3202	F1H0J105A002	C.CAPACITOR CH6.3V 1U	H	1
C2235,36	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2		C3203-07	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U		5
C2237	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1		C3209	F1J0J106A014	T.CAPACITOR CH6.3V 10U		1
C2238	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1		C3211	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	H	1
C2239	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1		C3215	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	l	1
C2240,41	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	2		C3218	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	l	1
C2242	F3G1A4760002	T.CAPACITOR CH 10V 47U	1		C3220	F3F1A1060001	T.CAPACITOR CH 10V 10U	l	1
C2243	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C3221-23	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	l	3
C2244-48	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	5		C3226	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U		1
C3001	F3E0J106A005	T.CAPACITOR CH6.3V 10U	1		C3227	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U		1
C3003	F1H0J105A002	C.CAPACITOR CH6.3V 1U	1		C3229	ECJ0EC1H220J	C.CAPACITOR CH 50V 22P		1
C3004	F3F1A226A008	T.CAPACITOR CH 10V 22U	1		C3252	F1H0J105A002	C.CAPACITOR CH6.3V 1U		1
C3005	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	-	C3253	F1G1H2210001	C.CAPACITOR CH 50V 220P		1
C3006	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C3254	F1H0J105A002	C.CAPACITOR CH6.3V 1U	L	1
C3007	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1		C3255	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	L	1
C3008	F3F1A1060001	T.CAPACITOR CH 10V 10U	1		C3256	F1H0J105A002	C.CAPACITOR CH6.3V 1U	L	1
C3009,10	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2		C3257	F1J0J475A006	C.CAPACITOR CH6.3V 1U	Ļ	1
C3012	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1		C3259	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	1
C3014	F1H0J105A002	C.CAPACITOR CH6.3V 1U	1		C3501-03	F1J0J475A006	C.CAPACITOR CH6.3V 1U	L	3
C3015	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1		C3504,05	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	H	2
C3016 C3017-27	F3F0J2260001 ECJ0EB1A104K	T.CAPACITOR CH6.3V 22U C.CAPACITOR CH 10V 0.1U	11		C3506 C3507,08	F1G1A104A014	C.CAPACITOR CH 00V 0.1U C.CAPACITOR CH 16V 0.01U		2
C3029-33	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	5		C3507,08	ECJ0EB1C103K F1G1A104A014	C.CAPACITOR CH 16V 0.010	-	2
C3023-33	F3F1A1060001	T.CAPACITOR CH 10V 10U	1		C3511	F1J1A335A003	C.CAPACITOR CH 10V 3.3U	H	1
C3035,36	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2		C3512,13	F1G1A104A014	C.CAPACITOR CH 00V 0.1U		2
C3037	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3514,15	F1H0J105A002	C.CAPACITOR CH6.3V 1U	H	2
C3038	F3G1A4760002	T.CAPACITOR CH 10V 47U	1		C3516	F1G1A104A014	C.CAPACITOR CH 00V 0.1U	H	1
C3039	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3517,18	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	H	2
C3041	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C3519	F1G1A104A014	C.CAPACITOR CH 00V 0.1U		1
C3043	F1H0J105A002	C.CAPACITOR CH6.3V 1U	1		C3521-23	F1G1A104A014	C.CAPACITOR CH 00V 0.1U		3
C3044	F3E0G1060002	T.CAPACITOR CH 4V 10U	1		C3551	ECJ0EC1H220J	C.CAPACITOR CH 50V 22P	l	1
C3045	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C3552,53	ECJ0EC1H560J	C.CAPACITOR CH 50V 56P		2
C3046-49	F1H0J105A002	C.CAPACITOR CH6.3V 1U	4		C3554	ECJ0EC1H220J	C.CAPACITOR CH 50V 22P		1
C3051	F1H0J105A002	C.CAPACITOR CH6.3V 1U	1		C3555	F1G1A104A014	C.CAPACITOR CH 00V 0.1U		1
C3052	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C3556	F1J0J475A006	C.CAPACITOR CH6.3V 1U		1
C3053	F1H0J105A002	C.CAPACITOR CH6.3V 1U	1		C3557	F1G1A104A014	C.CAPACITOR CH 00V 0.1U		1
C3054	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3558-60	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U		3
C3061	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1		C3561	ECJ0EC1H220J	C.CAPACITOR CH 50V 22P	L	1
C3062	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C3562,63	ECJ0EC1H560J	C.CAPACITOR CH 50V 56P		2
C3063	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1		C3564	ECJ0EC1H220J	C.CAPACITOR CH 50V 22P	L	1
C3064-67 C3101	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	4		C3566 C3568	ECUVICIONERV	C.CAPACITOR CH 16V 0.01U C.CAPACITOR CH 16V 0.1U	H	1
C3101 C3102		C.CAPACITOR CH 10V 0.1U C.CAPACITOR CH 16V 0.01U	1		C3568 C3569	ECUX1C104KBV ECJ0EB1C103K	C.CAPACITOR CH 16V 0.1U	H	1
C3102 C3103	F3G1A4760002	T.CAPACITOR CH 16V 0.01U	1		C3569 C6503	ECJ0EB1C103K ECJ0EB1A104K	C.CAPACITOR CH 16V 0.01U	H	1
C3103	F1J0J475A006	C.CAPACITOR CH 10V 470	1		50505	LOUGLD IN 104N	S.SAI AGITON GIT TOV U.TU	H	1
C3105,06	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	2		D601	MA338	DIODE	H	1
C3103,00		C.CAPACITOR CH 10V 0.1U	1		D602	MA2J11100L	DIODE	H	1
C3108	F3F1A226A008	T.CAPACITOR CH 10V 22U	1		D2001-05	MA2SD2400L	DIODE	H	5
C3109	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1		D2007	MA2SD2400L	DIODE	H	1
C3110	F3H1A1070006	T.CAPACITOR CH 10V 100U	1		D2009	MA2SD2400L	DIODE	T	1
C3111	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1		D2010	MA2J11100L	DIODE	Ī	1
C3112	ECUX0J225KBN	C.CAPACITOR CH6.3V 2.2U	1		D2012	MA2J11100L	DIODE	İ	1
C3113	F1J0J106A014	T.CAPACITOR CH6.3V 10U	1		D2013	MA2SD2400L	DIODE		1
C3114	F3E0G1060002	T.CAPACITOR CH 4V 10U	1		D2014	MA110	DIODE		1
C3115	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1		D2201	MA110	DIODE		1
C3116	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	-	D2501	MA2SD2400L	DIODE		1
C3117	ECUX0J225KBN	C.CAPACITOR CH6.3V 2.2U	1		D3101	MA2S11100L	DIODE	L	1
C3119	F3H0J1070005	T.CAPACITOR CH6.3V 100U	1					L	
C3120	ECST0JY226	T.CAPACITOR CH6.3V 22U	1		FP2201	K1MN22B00029	CONNECTOR	L	1
C3121	F3E0G1060002	T.CAPACITOR CH 4V 10U	1		FP2202	K1MN09B00027	CONNECTOR	Ļ	1
C3122	ECST0JY226	T.CAPACITOR CH6.3V 22U	1		FP2203	K1MN30B00037	CONNECTOR		1
C3125	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1		FP2204	K1KA08A00267	CONNECTOR (MALE)	1	1
C3126	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		FP2208	K1MN22B00034	CONNECTOR (FEMALE)	H	1
C3127	ECUYO 1225KBN	C.CAPACITOR CH 16V 0.01U	1		FP5001	VJS3801D024	CONNECTOR (FEMALE)	H	1
C3128 C3129	ECUX0J225KBN F1H0J105A002	C.CAPACITOR CH6.3V 2.2U C.CAPACITOR CH6.3V 1U	1		IC601	COUR ADDOOD 4	IC	H	1
C3129 C3131	ECUX0J225KBN	C.CAPACITOR CH6.3V 10 C.CAPACITOR CH6.3V 2.2U	1		IC601 IC602	C0HBA0000094 C0JBAA000115	IC IC	H	1
03131	LOUAUJZZSKBN	O.O.A.C. AOI TON OI 10.3V 2.2U	- '		10002	C00DAA000115		1	1
			H					H	
	1					l .	J	<u> </u>	ı

								L	Τ .
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs 3	
IC2001 IC2002	VSI3842D C0EBK0000063	IC IC	1		Q3101-03 Q3501	2SD1979 B1ADGD000005	TRANSISTOR TRANSISTOR	1	1
IC2002	C1ZBZ0001483	IC	1		Q3503,04	2SB1218AHL	TRANSISTOR	2	,
IC2004	C0BBAA000008	IC	1		Q3505	2SD1819ALL	TRANSISTOR	1	
IC2005	C0BBBA000030	IC	1						
IC2007	C0JBAE000087	IC	1		QR602	XP0431400L	TRANSISTOR	1	1
IC2008	VSI3982C	IC	1		QR604	B1GBCFLL0022	TRANSISTOR	1	1
IC2009	C0FBBD000081	IC	1		QR2001	UNR511500L	TRANSISTOR	1	
IC2011	C0CBAAA00012	IC	1		QR2002	UN2130X	TRANSISTOR-RESISTOR	1	
IC2012	C0EBD0000146	IC IC	1		QR2004	B1GBCFGJ0007	TRANSISTOR	1	
IC2013 IC2014	C0CBCAC00001 C0CBABC00104	IC IC	1		QR2005 QR2006	B1GHCFJA0003 B1GBCFNL0007	TRANSISTOR TRANSISTOR	1	
IC2015	C0JBAA000102	IC	1		QR2010	B1GHCFJA0003	TRANSISTOR	1	
IC2201	TB6519AF	IC	1		QR2011	B1GBCFJN0017	TRANSISTOR	1	
IC2202,03	UN224	TRANSISTOR-RESISTOR	2		QR2012	B1GDCFJA0006	TRANSISTOR	1	
IC2204	C0JBAA000287	IC	1		QR2201	UN9213	TRANSISTOR-RESISTOR	1	
IC2205	TC7S86FU	IC	1		QR2202	UNR9113J0L	TRANSISTOR	1	
IC2206	C0GBE0000007	IC	1		QR2203	UN9213	TRANSISTOR-RESISTOR	1	1
IC2207	TA75S393F	IC	1		QR2204	UNR9113J0L	TRANSISTOR	1	
IC2208	TC75W54FU	IC	1		QR3101	B1GDCFLL0017	TRANSISTOR	1	
IC2209	C0JBAA000182	IC	1		QR3102	UN9213	TRANSISTOR-RESISTOR	1	
IC3001 IC3002	C1AB00001130 AN2903FJQ-V	IC IC	1		QR3502	UN9213	TRANSISTOR-RESISTOR	1	
IC3002	C0FBZH000013	IC IC	1		R601	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	1
IC3004	C0ZBZ0000363	IC	1		R602-05	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	4	1
IC3006	C0JBAA000102	IC	1		R606	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	1
IC3007	TC7SZ00F	IC	1		R608	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	1
IC3201	C1AB00001132	IC	_ 1		R609	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	_ 1	
IC3202	C1AB00001612	IC	1		R610,11	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	2	!
IC3501	C1AB00001280	IC	1		R612	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
IC3502	BA10324AF	IC	1		R613	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
IC3503,04	C1AB00000647	IC	2		R614	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
1.004	VII 00400 IODO	0011 00111	_	C4C0D0 100004	R615	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
L601 L602,03	VLQ0426J3R9 G1C100K00019	COIL 3.9UH COIL 10UH	2	G1C3R9J00004	R616 R617	ERJ2GEJ101 ERJ2GE0R00	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 0	1	
L604	VLQ0807K100	COIL 10UH	1	G1C100K00024	R618,19	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2	,
L605,06	VLQ0807K220	COIL 22UH	2	G1C220K00016	R621	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
L2003	G1C100K00019	COIL 10UH	1		R622	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	
L3002	G1C100K00019	COIL 10UH	1		R623	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	1	
L3006,07	G1C100K00019	COIL 10UH	2		R624,25	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	2	
L3009	G1C100K00019	COIL 10UH	1		R626	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	1
L3011-14	G1C100K00019	COIL 10UH	4		R627	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
L3015	G1C101KA0031	COIL 100UH	1		R628	ERJ2RHD473	M.RESISTOR CH 1/16W 47K	1	
L3017	G1C100K00025	COIL 10UH	1		R629	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	1	
L3021-23 L3201	G1C100K00019 G1C100K00019	COIL 10UH	3		R630 R631	ERJ2GEJ222 ERJ2RHD563	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 56K	1	
L3501	VLQ0807K100	COIL 10UH	1	G1C100K00024	R632	ERJ2RHD393	M.RESISTOR CH 1/16W 39K	1	(
L3505-10	VLQ0426J330	COIL 33UH	6	G1C330J00005	R633	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	1
			_		R634	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
LB2002	J0JBC0000012	FILTER	1		R635	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	1	
LB3001-04	VLF1315A102	FILTER	4	J0JHC0000015	R636	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	1	
LB3006	VLF1315A102	FILTER	1	J0JHC0000015	R638-40	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	3	,
LB3101-03	J0JBC0000042	FILTER	3		R642	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1	
LB3201	VLF1315A102	FILTER	1	J0JHC0000015	R643	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	<u> </u>
LB3205	VLF1315A102	FILTER	1	J0JHC0000015	R644	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1	
LB3207	VLF1315A102	FILTER	1	J0JHC0000015	R647	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1	
LB3502,03	J0JBC0000012	FILTER	-2		R648-50 R651	ERJ2GE0R00 ERJ2GEJ104	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 100K	1	
P1001	K1KA50A00113	CONNECTOR (MALE)	1		R657	ERJ2GEJ104 ERJ2GEJ274	M.RESISTOR CH 1/16W 100K M.RESISTOR CH 1/16W 270K	1	1
P1001	VJS3846A030	CONNECTOR (MALE)	1		R2001	ERJ2GEJ274 ERJ2GEJ394	M.RESISTOR CH 1/16W 270K M.RESISTOR CH 1/16W 390K	1	1
P2001	K1KAC0A00011	CONNECTOR (MALE)	1		R2002	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
P2002	K1KBC0A00048	CONNECTOR (FEMALE)	1		R2003	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
P2003	VJP3172D002	CONNECTOR (MALE)	_ 1	K1KA02B00051	R2004	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
P2207	K1KB20A00021	CONNECTOR (FEMALE)	1		R2005,06	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	2	!
P2209	VJP3658D030	CONNECTOR (MALE)	1	K1KA30A00090	R2007	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1	
					R2008,09	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2	
Q601,02		TRANSISTOR	2		R2010	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	1	
Q603	XP1501	TRANSISTOR-RESISTOR	1		R2011	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
Q605 Q608	B1ADGD000005	TRANSISTOR	1		R2012 R2013	ERJ2GEJ101	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 1K	1	
Q608 Q611	B1ADGD000005 2SD2216J0L	TRANSISTOR TRANSISTOR	1		R2013 R2014	ERJ2GEJ102 ERJ2GEJ473	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 47K	1	1
Q2007	B1ADGD000005	TRANSISTOR	1		R2014	ERJ2GEJ473 ERJ2GEJ393	M.RESISTOR CH 1/16W 47K	1	1
Q2012	2SD182000L	TRANSISTOR	1		R2016	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	1
Q2013	2SB1218AHL	TRANSISTOR	1		R2017	ERJ2GEJ822	M.RESISTOR CH 1/16W 8.2K	1	1
Q2201	2SB1462JRS	TRANSISTOR	1		R2018	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
Q2202	2SD2216J0L	TRANSISTOR	1						
	ì								

		I	Г				I	_	
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	s Remarks
R2019,20	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2		R2136	ERJ2RHD473	M.RESISTOR CH 1/16W 47K	1	
R2021	ERJ2GEJ822	M.RESISTOR CH 1/16W 8.2K	1		R2137	ERJ2RHD273	M.RESISTOR CH 1/16W 27K	1	
R2022	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R2138	ERJ2RHD103	M.RESISTOR CH 1/16W 10K	1	
R2023,24	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2		R2139	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1	
R2025	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R2142	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2027	ERJ2GEJ474	M.RESISTOR CH 1/16W 470K	1		R2143	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R2028	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R2146	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R2029	ERJ2GEJ561	M.RESISTOR CH 1/16W 560	1		R2149	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2030	ERJ2GEJ274	M.RESISTOR CH 1/16W 270K	1		R2161	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1	
	ERJ2GEJ473		'		1		M.RESISTOR CH 1/16W 100K	'	-
R2031		M.RESISTOR CH 1/16W 47K	1		R2162	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K M.RESISTOR CH 1/16W 47K	1	
R2032	ERJ2GEJ391	M.RESISTOR CH 1/16W 390			R2164	ERJ2GEJ473		1	
R2033	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R2165,66	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2	
R2034	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1		R2167	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2035	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2168	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R2036,37	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2		R2169	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2038	ERJ2GEJ393	M.RESISTOR CH 1/16W 39K	1		R2170	ERJ2GEJ822	M.RESISTOR CH 1/16W 8.2K	1	
R2039	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1		R2171	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R2040	ERJ8GEYG330	M.RESISTOR CH 1/8W 33	1		R2172	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2041,42	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2		R2173	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R2044	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R2174	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2045	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2175,76	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2	
R2048,49	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2		R2177	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2050	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	1		R2178	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	1
			3					-	
R2051-53	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	3		R2182	ERJ2GEJ102		1	
R2054	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	1		R2184	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2055	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R2185	ERJ2RHD683	M.RESISTOR CH 1/16W 68K	1	_
R2056,57	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2		R2187	ERJ2RHD223	M.RESISTOR CH 1/16W 22K	1	
R2058	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	1		R2188	ERJ2GEJ681	M.RESISTOR CH 1/16W 680	1	
R2059	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2189	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R2060	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	1		R2193	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R2061	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1		R2194	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2062	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1		R2195	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1	
R2063	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2196	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2064,65	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	2		R2197	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R2066	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2198	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2068	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R2203,04	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2	,
R2069	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2206	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R2072	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2207	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	1	
			1					1	
R2073	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R2209	ERJ2GEJ122	M.RESISTOR CH 1/16W 1.2K	1	
R2075	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2210,11	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2	1
R2077,78	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2		R2212	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R2081	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1		R2213	ERJ2GEJ394	M.RESISTOR CH 1/16W 390K	1	
R2082	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	1		R2214	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1	
R2083	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2215	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R2084	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1		R2216	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	1	
R2085	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	1		R2217,18	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2	:
R2086	ERJ2GEJ681	M.RESISTOR CH 1/16W 680	1		R2219	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1	
R2087	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R2220	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R2088-90	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	3		R2221	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R2091	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R2222	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	+
R2092	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1		R2223	ERJ2GEJ394	M.RESISTOR CH 1/16W 390K	4	1
	!	M.RESISTOR CH 1/16W 3.3K	4						
R2093	ERJ2GEJ102		1		R2224	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	DOVDDOOOOG
R2094	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K			R2225	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R2097	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	1		R2226	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1	
R2098	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R2227	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	1	<u> </u>
R2099,00	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2		R2228	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	1
R2101-04	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	4		R2229	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2105	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2230	ERJ8GEYJR33	M.RESISTOR CH 1/8W 0.33	1	
R2106-08	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	3		R2231	ERJ8GEYJR47	M.RESISTOR CH 1/8W 0.47	1	
R2109,10	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2		R2232,33	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	2	
R2111	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R2234	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R2112,13	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	2		R2235	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	1	
R2114	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1		R2236	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	1	
R2115	ERJ2RHD223	M.RESISTOR CH 1/16W 22K	1		R2237	ERJ2GEJ682	M.RESISTOR CH 1/16W 6.8K	1	
R2115 R2116	ERJ2RHD223 ERJ2GEJ105	M.RESISTOR CH 1/16W 22K	4		R2237	ERJ2GEJ682 ERJ2GEJ561	M.RESISTOR CH 1/16W 6.8K		
	!		1					1	
R2117	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K			R2239	ERJ2RHD104	M.RESISTOR CH 1/16W 100K	1	
R2118,19	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2		R2240	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2120	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2241	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1	
R2123	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2242	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	1
R2124,25	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2		R2243	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R2126,27	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	2		R2244	ERJ8GEYJR27	M.RESISTOR CH 1/8W 0.27	1	
R2129	ERJ2RHD473	M.RESISTOR CH 1/16W 47K	1		R2245	ERJ2RHD471	M.RESISTOR CH 1/16W 470	1	
R2131	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R2246	EXBV8V331J	COMBI.R-R 330	1	
R2132	ERJ2RHD103	M.RESISTOR CH 1/16W 10K	1		R2247,48	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	2	!
R2133	ERJ2RHD273	M.RESISTOR CH 1/16W 27K	1		R2249	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1	<u> </u>
			Ė					Ė	
			-		-				
l	I	I				I	I		<u>.L</u>

r	r	T	1			ī	Т	_	
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	s Remarks
R3001	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	1		R3403	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R3002	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R3432	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R3004	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R3497	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R3005	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1		R3498	ERJ2GEJ152	M.RESISTOR CH 1/16W 1.5K	1	
R3006	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	1		R3501	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R3007	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R3503	ERJ2RHD332	M.RESISTOR CH 1/16W 3.3K	1	
R3008	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1		R3504	ERJ2RHD181	M.RESISTOR CH 1/16W 180	1	
R3009	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R3505,06	ERJ2RHD102	M.RESISTOR CH 1/16W 1K	2	,
R3011-13	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	3		R3507	ERJ2RHD392	M.RESISTOR CH 1/16W 3.9K	1	
			4						
R3014	ERJ2GEJ684	M.RESISTOR CH 1/16W 680K	1		R3508	ERJ3GEY0R00 ERJ2GE0R00	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0	1	
R3015	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	1		R3509			1	
R3016	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	1		R3515	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	1	
R3017	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R3551	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R3019,20	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	2		R3552	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	1	
R3021	ERJ2GEJ183	M.RESISTOR CH 1/16W 18K	1		R3553,54	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2	
R3022-24	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	3		R3555	ERJ2GEJ152	M.RESISTOR CH 1/16W 1.5K	1	
R3030,31	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2		R3556	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R3034	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R3557,58	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	2	:
R3035	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1		R3560	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1	
R3037	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	1		R3561,62	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2	
R3041	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R3563	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1	1
R3061,62	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2		R3564	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	1	
R3101	ERJ2GEJ152	M.RESISTOR CH 1/16W 1.5K	1		R3565	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	1
	ERJ2GEJ152 ERJ2GEJ821		1					Η,	
R3102		M.RESISTOR CH 1/16W 820	-		R3568	ERJ2GEJ183	M.RESISTOR CH 1/16W 18K	1	
R3103	ERJ2GEJ391	M.RESISTOR CH 1/16W 390	1		R3580	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R3104	ERJ2GEJ821	M.RESISTOR CH 1/16W 820	1		R3591	ERJ2GEJ152	M.RESISTOR CH 1/16W 1.5K	1	
R3105,06	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2		R3592	ERJ2GEJ821	M.RESISTOR CH 1/16W 820	1	<u> </u>
R3107	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	1		R3593	ERJ2GEJ152	M.RESISTOR CH 1/16W 1.5K	1	1
R3108	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1		R3594	ERJ2GEJ821	M.RESISTOR CH 1/16W 820	1	
R3109	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	1		R5092-95	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	4	-
R3110	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	-1		R6515,16	ERJ3RBD271	M.RESISTOR CH 1/16W 270	2	
R3111	ERJ2GEJ391	M.RESISTOR CH 1/16W 390	1		R6518	ERJ2GEJ330	M.RESISTOR CH 1/16W 33	1	
R3112	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R6521-23	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	3	D0YDR0000005
R3113	ERJ2GEJ394	M.RESISTOR CH 1/16W 390K	1		R9005	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3114	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R9007-14	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	8	
R3115	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R9016-19	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	4	
R3116	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	1		R9021,22	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2	,
R3117	ERJ2GEJ681	M.RESISTOR CH 1/16W 680	1		R9024-28	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	5	
					R9024-28	ERJ2GEURUU	M.RESISTOR CH 1/16W 0	0	
R3118,19	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	2						
R3120	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		W3401-18	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	18	
R3122	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1						
R3124	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1		X2001	H0J270500024	CRYSTAL OSCILLATOR	1	
R3125	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		X2002	H0J327200051	CRYSTAL OSCILLATOR	1	
R3126,27	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2						
R3128	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1				MISCELLANEOUS		
R3129	ERJ2GEJ680	M.RESISTOR CH 1/16W 68	1						
R3130	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1			VMZ3327	INSULATION SHEET	1	FOR VEP001A4A
R3131	ERJ2GEJ750	M.RESISTOR CH 1/16W 75	1						
R3132	ERJ2GEJ680	M.RESISTOR CH 1/16W 68	1						
R3133	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1						
R3136	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	1					-	+
			-		-				1
R3137	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		- F0	VEDOOFT	OAMEDA O D A	-	(DTL)
R3138	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	1		■ E2	VEP23571A	CAMERA C.B.A.	1	()
R3149	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1			VEP001A7A	CAMERA SUB 1 C.B.A.	1	(RTL)FOR VEP23571A
R3151	ERJ2GEJ152	M.RESISTOR CH 1/16W 1.5K	1			VEP001A7B	CAMERA SUB 2 C.B.A.	-	(RTL)FOR VEP23571A
R3152	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1			VEP001A7C	CAMERA SUB 3 C.B.A.	1	(RTL)FOR VEP23571A
R3201	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1						1
R3202	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1						
R3203	ERJ2GEJ470	M.RESISTOR CH 1/16W 47	_1		C1	ECUX1A684KBV	C.CAPACITOR CH 10V 0.68U	_ 1	FOR VEP001A7A
R3204	ERJ2RHD181	M.RESISTOR CH 1/16W 180	1		C1	ECUX1A684KBV	C.CAPACITOR CH 10V 0.68U	1	FOR VEP001A7B
R3205	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1		C2	ECUX1A684KBV	C.CAPACITOR CH 10V 0.68U	1	FOR VEP001A7A
R3209	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		C2	ECUX1A684KBV	C.CAPACITOR CH 10V 0.68U	1	FOR VEP001A7B
R3210	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	1		C2	ECUX1A684KBV	C.CAPACITOR CH 10V 0.68U	1	FOR VEP001A7C
R3211,12	ERJ2GEJ681	M.RESISTOR CH 1/16W 680	2		C3	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	FOR VEP001A7A
R3213	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	1		C3	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	FOR VEP001A7B
R3215	ERJ2GEJ273 ERJ2GEJ103	M.RESISTOR CH 1/16W 2/K	1		C3	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U		FOR VEP001A7C
			1					-	. S. VEI OUINIO
R3216	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1		C10-12	ECST1AY106Z	T.CAPACITOR CH 10V 10U	3	
R3217	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		C13	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	<u> </u>
R3218	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		C15	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	1	
R3229	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	1		C16	ECST1EY155	T.CAPACITOR CH 25V 1.5U	1	
R3251-54	ERJ2RKD560	M.RESISTOR CH 1/16W 56	4		C17	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
R3255,56	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2		C18	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	1	
R3257	ERJ2RHD622	M.RESISTOR CH 1/16W 6.2K	_ 1		C19,20	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2	<u> </u>
R3258	ERJ2RHD181	M.RESISTOR CH 1/16W 180	1		C22	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	1	
R3259	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		C23	ECST1EY155	T.CAPACITOR CH 25V 1.5U	1	
	1		Ì					Ī	
	1		 			1		t	†
L		l .					1		J

							I	Т	1
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	s Remarks
C24	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C352,53	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2	2
C25	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	1		C362	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	1
C26,27	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2		C363	ECUX1C153KBQ	C.CAPACITOR CH 16V 0.015U	1	1
C29	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	1		C701	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	1
C30	ECST1EY155	T.CAPACITOR CH 25V 1.5U	1		C702	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1	ı
C31	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C703	F1G1C822A040	C.CAPACITOR CH 16V 8.2U	1	
C32	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	1		C704	ECJ0EB1E222K	C.CAPACITOR CH 25V 2200P	1	
C33	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C705	ECUX1H390JCQ	C.CAPACITOR CH 50V 39P	Ι.	
C37-39	ECJ0EB1A104K		3					2	
		C.CAPACITOR CH 10V 0.1U	_		C706,07	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	-	
C40-45	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	6		C708	ECJ0EB1E272K	C.CAPACITOR CH 25V 2700P	1	
C46-54	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	9		C709	ECJ0EB1E222K	C.CAPACITOR CH 25V 2200P	1	1
C55-60	ECST1AY106Z	T.CAPACITOR CH 10V 10U	6		C710	ECJ0EB1E472K	C.CAPACITOR CH 25V 4700P	1	1
C65	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1		C711,12	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	2	2
C66	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C713	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	1	1
C101	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C714	F3G1A4760002	T.CAPACITOR CH 10V 47U	1	1
C102	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1		C715	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	1
C103,04	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2		C716	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1	ı
C105	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1		C717	ECJ0EB1A473K	C.CAPACITOR CH 10V 0.047U	1	
C106	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	- 1		C718	ECUX1H151JCQ	C.CAPACITOR CH 50V 150P	-	
			-					H.	
C107	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1		C719	ECUX1A224KBV	C.CAPACITOR CH 10V 0.22U	\vdash^1	
C108-12	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	5		C720	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	1
C113	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1		C721	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C114	ECST1AY106Z	T.CAPACITOR CH 10V 10U	_ 1		C722,23	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	2	!
C115	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C724	F3F1D4750002	T.CAPACITOR CH 20V 4.7U	1	
C118	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1		C725	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
C119	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1		C727,28	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2	
C120-22	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	3		C729	ECJ0EB1A473K	C.CAPACITOR CH 10V 0.047U	1	
C120-22	F1K1H1050002	C.CAPACITOR CH 50V 1U	1		C730	F1G1E392A056	C.CAPACITOR CH 25V 3900P	H	1
			H		1			⊢:	
C126	F1K1H1050002	C.CAPACITOR CH 50V 1U	1		C734		C.CAPACITOR CH 25V 470P	\vdash^1	
C128	ECST1EX475	T.CAPACITOR CH 25V 4.7U	1		C735	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1	1
C129	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C744	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	1
C130	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1		C745	F3G1A4760002	T.CAPACITOR CH 10V 47U	1	1
C131	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C746	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C132	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1		C748	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	1
C133-36	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	4		C751	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	1	
C140	ECUX1C104ZFQ	C.CAPACITOR CH 16V 0.1U	1		C752	F1G1E392A056	C.CAPACITOR CH 25V 3900P	1	
C141	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C753	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1	
			Ė					H	
C142	ECST1AY106Z	T.CAPACITOR CH 10V 10U	-		C754	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	<u> </u>	
C143-45	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	3		C755	ECJ0EB1A473K	C.CAPACITOR CH 10V 0.047U	1	
C146,47	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2		C757	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	1
C148,49	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	2		C763,64	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	2	2
C151-53	ECST1AY106Z	T.CAPACITOR CH 10V 10U	3		C765,66	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	2	2
C154	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1		C767	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1	1
C158-61	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	4		C768,69	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	2	2
C162	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1		C770,71	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	2	2
C170	F1K1H1050002	C.CAPACITOR CH 50V 1U	1		C772	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1	1
C171	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C773-75	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	3	3
C173	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1		C776	F3F1D4750002	T.CAPACITOR CH 20V 4.7U	1	
			-				C.CAPACITOR CH 20V 4.70	H.	
C174	ECJ0EC1H220J	C.CAPACITOR CH 50V 22P	1		C777	ECJ0EB1A104K		1	
C176,77		C.CAPACITOR CH 10V 0.1U	2		C779		C.CAPACITOR CH 10V 1U	⊢ ¹	
C178,79	F3G1A4760002	T.CAPACITOR CH 10V 47U	2		C780	F3F1C1060002	T.CAPACITOR CH 16V 10U	1	
C180	ECST1EX475	T.CAPACITOR CH 25V 4.7U	1		C781	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
C181-85	F1L1E1060018	C.CAPACITOR CH 25V 10U	5		C782	F3F1C1060002	T.CAPACITOR CH 16V 10U	L 1	ı
C191-98	F1L1E1060018	C.CAPACITOR CH 25V 10U	8		C783	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
C202,03	ECA1EHG331	E.CAPACITOR 25V 330U	2		C784	F3F1C1060002	T.CAPACITOR CH 16V 10U	1	
C301,02	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	2		C786-88	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	3
C308	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C789		C.CAPACITOR CH 10V 1U	1	
C310	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C790	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1	1
								H	
C311	ECST0JY106Z	T.CAPACITOR CH6.3V 10U	1		C791	F3F1C1060002	T.CAPACITOR CH 16V 10U	\vdash^1	
C313	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C794	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
C314	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1		C796	ECUX1C274KBN	C.CAPACITOR CH 16V 0.27U	1	
C315	ECUX1C153KBQ	C.CAPACITOR CH 16V 0.015U	1		C797	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	_1	ı
C319-22	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	4		C798,99	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2	2
C325	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1		C801	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C327	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1		C802	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	ı
C328	ļ	C.CAPACITOR CH 10V 0.1U	1		C803	F3E0J106A005	T.CAPACITOR CH6.3V 10U	1	
C329		C.CAPACITOR CH 16V 0.015U	1		C805	F3E0J106A005	T.CAPACITOR CH6.3V 10U	-	
C329		C.CAPACITOR CH 10V 0.0150	4		5555	. 52001000000		H	+
			-		D404	MA 124	DIODE	Η.	
C337	F1G1H8R00003	C.CAPACITOR CH 50V 8P	1		D101	MA121	DIODE	\vdash^1	•
C338	F1G1H5R00004	C.CAPACITOR CH 50V 5P	1		D102	MA132A	DIODE	1	1
C343	ECUX1C153KBQ	C.CAPACITOR CH 16V 0.015U	1		D103	MA121	DIODE	1	
C344	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	_1		D303	B0JCDD000002	DIODE	L 1	I .
C348,49	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2		D305,06	B0JCDD000002	DIODE	2	?
C350	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1						
C351	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1		IC1	C1AB00001677	IC	1	
			H					H	†
 	 		H		 	1		1	+
	1	I				l	I	<u> </u>	_L

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	s Remarks
IC1	TC7W53F	IC	1	FOR VEP001A7A	Q709	2SD221000L	TRANSISTOR	1	
IC1	TC7W53F	IC	1	FOR VEP001A7B					
IC1	TC7W53F	IC	1	FOR VEP001A7C	QR301	B1GDBEJG0002	TRANSISTOR	1	
IC2,C3	C1AB00001677	IC	2		QR303	UNR9215J0L	TRANSISTOR	1	
IC101	C1ZBZ0001836	IC	1		QR705	UNR9211J0L	TRANSISTOR	1	
IC102	C0JBAB000004	IC	1		QR708,09	UNR9213J0L	TRANSISTOR	2	!
IC103	C0JBAB000003	IC	1						
IC104,05	TC7SH32FU	IC	2		R1-R3	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	3	
IC106	C0JBAF000162	IC	1		R22	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
IC107	TC7SH32FU	IC	1		R23	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
IC108	C0JBAF000184	VHC	1		R24	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
IC109	TC7SH04F	IC	1		R64-66	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	3	
IC110	C0JBAA000115	IC	1		R75	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
IC111,12	C0JBAB000543	IC	2		R78	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
IC113	C0DBCGF00001	IC	1		R81	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
IC114	C0CBADG00002	IC	1		R85	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
IC116	NJM431U	IC	1	C0DBEZC00003	R102,03	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2	
IC117	UPD16510GR	IC	1		R104,05	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2	!
IC118	C0JBAA000102	IC	1		R106,07	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2	
IC119	UPD16510GR	IC	1		R112	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
IC120	C0JBAE000140	IC	1		R113	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
IC121	C0ABCA000038	IC	1		R114-20	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	7	•
IC122	C0JBAD000071	IC	1		R121	ERJ2GEJ180	TRANSISTOR	1	
IC123	TC7SH32FU	IC	1		R125	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	1
IC124	C0JBAA000102	IC	1		R126	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
IC301	VSI3844B	IC	1		R128	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	H	
IC303	MN7GD02B5DB	IC	1		R129	ERJ2GEJ103	M.RESISTOR CH 1/16W 1K	<u> </u>	+
IC304	TC7W74FU	IC IC	1		R129	ERJ2GE0R00	M.RESISTOR CH 1/16W 1K	5	
IC307	VSI3983B	EEPROM	-		R135	ERJ2GEJR00 ERJ2GEJ221	M.RESISTOR CH 1/16W 0	-	1
IC307	C0JBAF000162	IC IC	4		R149	ERJ2GEJ221 ERJ2GEJ222	M.RESISTOR CH 1/16W 220 M.RESISTOR CH 1/16W 2.2K	H	-
IC308	C0JBAF000162 C0FBAF000029	IC IC	1		R149 R150,51	ERJ2GEJ222 ERJ2GEJ103	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K	2	
			1					_	
IC313	TC7SH04F	IC	1		R152,53	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2	
IC315,16	TC7SH14FU	IC	2		R159-61	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	3	
IC317	C0JBAA000102	IC	1		R164,65	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2	
IC701	C0ABCA000053	IC	1		R169	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
IC702	C1AB00001159	IC	1		R170	ERJ2RHD223	M.RESISTOR CH 1/16W 22K	1	
IC703	C0CBAEC00006	IC	1		R171	ERJ2RHD511	TRANSISTOR	1	
IC704	C1AB00001262	IC	1		R172	ERJ2RHD392	M.RESISTOR CH 1/16W 3.9K	1	
IC707	C1AB00000431	IC	1		R173	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1	
IC709	C0FBAG000033	IC	1		R179-81	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	1
IC710	C0GBG0000028	IC	1		R182	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
IC711	C0CBAEC00006	IC	1		R183	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	1	
IC713	C0CBADC00034	IC	1		R184	ECJ0EC1H220J	C.CAPACITOR CH 50V 22P	1	
IC717	TC75W54FU	IC	1		R185	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
IC719	C0CBADC00034	IC	1		R187	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
					R197	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
L4-L6	VLQ0807K100	COIL 10UH	3	G1C100K00024	R198	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
L101	G1C100KA0004	COIL 10UH	1		R201	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	1
L102	G1C100K00025	COIL 10UH	1		R202	ERJ2RHD513	M.RESISTOR CH 1/16W 51K	H	
L102	VLQ0807K100	COIL 10UH	2	G1C100K00024	R202	ERJ2RHD123	M.RESISTOR CH 1/16W 51K	H	
L105,04	G1C100K00025	COIL 10UH	4	J. J.0011000ET	R203	ERJ2RHD153	M.RESISTOR CH 1/16W 15K	H	+
L105 L106,07	VLQ0807K100	COIL 10UH	-	G1C100K00024	R204 R206	ERJ2RHD153 ERJ2GE0R00	M.RESISTOR CH 1/16W 15K	H	-
	G1C4R7MA0031	COIL 100H		010100N00024		ERJ2GE0R00 ERJ2RHD513		1	-
L303			1	C4C400K00034	R207		M.RESISTOR CH 1/16W 51K	1	
L304	VLQ0807K100	COIL 10UH	1	G1C100K00024	R208	ERJ2RHD123	M.RESISTOR CH 1/16W 12K	H.	
L307	VLQ0807K100	COIL 10UH	1	G1C100K00024	R209	ERJ2RHD153	M.RESISTOR CH 1/16W 15K	┝¹	
L309	G1C100K00019	COIL 10UH	1	0404001/00001	R211	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	1
L701	VLQ0807K100	COIL 10UH	1	G1C100K00024	R212	ERJ2RHD513	M.RESISTOR CH 1/16W 51K	1	1
L702	VLQ0807K220	COIL 22UH	1	G1C220K00016	R213	ERJ2RHD123	M.RESISTOR CH 1/16W 12K	_1	
L703,04	VLQ0807K100	COIL 10UH	2	G1C100K00024	R214	ERJ2RHD153	M.RESISTOR CH 1/16W 15K	_1	
L706	VLQ0807K220	COIL 22UH	1	G1C220K00016	R220	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	_ 1	
L707-09	VLQ0807K100	COIL 10UH	3	G1C100K00024	R221	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	ļ
			L		R222-24	ERJ2RHD223	M.RESISTOR CH 1/16W 22K	3	
P1000	K1KB80A00092	CONNECTOR (FEMALE)	1		R225	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	_1	
P1001	VJS3846A030	CONNECTOR (FEMALE)	_1		R226	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	_1	
P1002	VJS3791D015	CONNECTOR (FEMALE)	1		R231,32	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
P1003	VJS3791D010	CONNECTOR (FEMALE)	1	K1MN10B00021	R233	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
P1004	K1MN39B00006	CONNECTOR	1		R236	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
P1006	K1MN51B00007	CONNECTOR	1		R301,02	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	2	
					R304	ERJ2GEJ393	M.RESISTOR CH 1/16W 39K	1	
Q101,02	2SB0970X0L	TRANSISTOR	2		R308,09	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2	
Q103	2SB709A-R	TRANSISTOR	1		R310,11	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	2	
Q110	B1HBCFD00001	TRANSISTOR	1		R312	ERJ2GEJ682	M.RESISTOR CH 1/16W 6.8K	1	
Q306	XN0460100L	TRANSISTOR-RESISTOR	1		R313	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	H	
Q701	2SB0970X0L	TRANSISTOR	1		R314	ERJ2GEJ152	M.RESISTOR CH 1/16W 1.5K	H	+
	2SB0970X0L	TRANSISTOR	-		R317,18	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	H	
Q708					,10			É	1
Q708	2000070000								

		I	ī			ī	I	1	1
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R320	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R715	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R322	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	-1		R716-18	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	3	
R323,24	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2		R719	ERJ2GEJ564	M.RESISTOR CH 1/16W 560K	1	
R326	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R720	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
R328	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R721	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R329-35	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	7		R722	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	1	
R339	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R723,24	ERJ6RBB472	M.RESISTOR CH 1/10W 4.7K	2	
R341	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	1		R725,26	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2	
	ERJ2GEJ103		1		R727			1	
R342	1	M.RESISTOR CH 1/16W 1K	1			ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	
R346	ERJ2GEJ122	M.RESISTOR CH 1/16W 1.2K	1		R728	ERJ2GEJ154	M.RESISTOR CH 1/16W 150K	1	
R347,48	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	2		R729	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
R350	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1		R730	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	
R352	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1		R731	ERJ2GEJ124	M.RESISTOR CH 1/16W 120K	1	
R354,55	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	2		R732	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
R356	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	1		R733	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	1	
R357	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1		R734,35	ERJ3GEYJ2R2	M.RESISTOR CH 1/16W 2.2	2	
R358	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R736	ERJ6GEYJ1R0	M.RESISTOR CH 1/10W 1	1	
R360	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R737	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R361,62	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2		R738	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R367	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1		R739	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
R368	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1		R740	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R370	ERJ2GEJ472 ERJ2GEJ105	M.RESISTOR CH 1/16W 4.7K	1		R741	ERJ2GEJ103 ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	4	
	ERJ2GE0R00		1			ERJ2GEJ182 ERJ2GEJ102		2	
R371					R742,43			_	:
R373	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R744	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1	
R375	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R745	ERJ3GEYJ3R3	M.RESISTOR CH 1/16W 3.3	1	
R376	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R747	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R377,78	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	2		R748,49	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2	
R380	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R750	ERJ2GEJ393	M.RESISTOR CH 1/16W 39K	1	
R391,92	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2		R751	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R427	ERJ2GEJ271	M.RESISTOR CH 1/16W 270	1		R752	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
R429,30	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	2		R753	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R432	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R754,55	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2	
R433	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R760	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R439	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R765	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R466	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R768	ERJ3GEYJ3R3	M.RESISTOR CH 1/16W 3.3	1	
R470,71	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2		R770	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R470,71	ł	M.RESISTOR CH 1/16W 0	4		R771			'	
	ERJ3GEY0R00		1			ERJ3GEYJ3R3	M.RESISTOR CH 1/16W 3.3	1	
R481	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1		R776	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	1	
R485	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R778	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R486	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R780,81	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2	
R487	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R786	ERJ2GEJ393	M.RESISTOR CH 1/16W 39K	1	
R488,89	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	2		R787	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R490	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R788	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	1	
R493-09	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	17		R789	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R510	ERJ2RHD183	M.RESISTOR CH 1/16W 18K	1		R797	ERJ2GEJ474	M.RESISTOR CH 1/16W 470K	1	
R511	ERJ2RHD102	M.RESISTOR CH 1/16W 1K	1		R799	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	1	
R512	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R801,02	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	2	
R519	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R804	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
R520	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R807,08	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	2	
R521-26	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K			R813	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1	
	!		0					'	
R527-32	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	6		R814	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	1	
R533-36	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	4		R815	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
R537	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R816,17	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	2	
R540-42	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	3		R821,22	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2	
R543-45	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	3		R823	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R546-48	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	3		R824	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
R549,50	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	2		R825	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R551	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1		R830	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	1	
R553-55	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	3		R831,32	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2	
R556-60	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	5		R837	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R561	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R856-60	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	5	
R562-68	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	7		R862	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1	
R571	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1		R863	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R571-76	ł		5		R873			<u> </u>	
	ERJ2GE0R00		2			ERJ2GE0R00		1	
R578	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R892	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1	
R701	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	1		R896	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1	
R702	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R897	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R703,04	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	2		R898	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R705	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R900	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R706	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	_1		R901,02	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	_ 2	
R707	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1		R908	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R708	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	1		R917	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R709	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R918	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R712	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1		R919	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R714	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1		R920	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
			Ė					Ė	
			-		-				
	l	l .				l	I	<u> </u>	1

	1					1	rig any or mose componente, acc		,
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R926	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1		C1121,22	ECJ0EB1C682K	C.CAPACITOR CH 16V 6800P	2	
R939	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	-1		C1123	ECJ0EC1H151J	C.CAPACITOR CH 50V 150P	1	
R941,42	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2		C1124	ECJ0EC1H390J	C.CAPACITOR CH 50V 39P	1	
R952	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		C1131	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	1	
R953,54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2		C1132	ECJ0EB1E471K	C.CAPACITOR CH 25V 470P	1	
R967	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1		C1133	ECJ0EC1H151J	C.CAPACITOR CH 50V 150P	1	
R968-71	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	-		C1134	ECJ0EC1H390J	C.CAPACITOR CH 50V 39P	-	
R974-76	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	4				C.CAPACITOR CH 10V 0.1U	Ľ	
			3		C1141	ECJ0EB1A104K		H.	
R978	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1		C1142	ECJ0EB1E471K	C.CAPACITOR CH 25V 470P	1	
R979	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		C1143	ECJ0EC1H151J	C.CAPACITOR CH 50V 150P	1	
R990	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1		C1144	ECJ0EC1H390J	C.CAPACITOR CH 50V 39P	1	
R991	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		C1151,52	ECJ0EB1E472K	C.CAPACITOR CH 25V 4700P	2	
R992	ERJ8GEYJ2R2	M.RESISTOR CH 1/8W 2.2	1		C1153	ECJ0EC1H151J	C.CAPACITOR CH 50V 150P	1	
R993	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1		C1154	ECJ0EC1H820J	C.CAPACITOR CH 50V 82P	1	
R994	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		C1155	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
R995,96	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2		C1171	ECJ0EB1E472K	C.CAPACITOR CH 25V 4700P	1	
R997,98	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2		C1172	ECJ0EB1E471K	C.CAPACITOR CH 25V 470P	1	
R999	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1		C1173	ECJ0EC1H151J	C.CAPACITOR CH 50V 150P	1	
R1001-04	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	4		C1174	ECJ0EC1H390J	C.CAPACITOR CH 50V 39P	1	
R1068-74	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	7		C1181	ECJ0EB1C103K	C.CAPACITOR CH 16V 0.01U	1	
R1077-82	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	6		C1211.12	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	2	
R1084	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	4		C1211,12	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
	-	M.RESISTOR CH 1/16W 0	+					H	
R1087	ERJ2GEJ101				C1221-27	ECUX1A105KBV		⊢'	
R1089-98	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	10		C1228	F3F1A1060001	T.CAPACITOR CH 10V 10U	⊢ ¹	
R1103	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		C1231	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
R1105,06	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2		C1239	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
R1108	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		C1241,42	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	2	
R1125	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1		C1248	ECST0JX476Z	T.CAPACITOR CH6.3V 47U	1	
R1134	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		C1281	F1L1E1060018	C.CAPACITOR CH 25V 10U	<u></u> 1	
1					C1312	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
X101	H1A3155B0002	CRYSTAL OSCILLATOR	1		C1322,23	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	2	
X302	H0J270500024	CRYSTAL OSCILLATOR	1		C1341	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
					C1501,02	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2	
:					C1717-20	VCK0303K225	C.CAPACITOR 2.2U	4	
					C1722	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1	
			t		C1725,26	F1L2A1050004	C.CAPACITOR CH 10V 1U	2	
					C1728	F1L2A1050004	C.CAPACITOR CH 10V 1U	-	
■ E3	VEP01914A	POWER C.B.A.	-	(RTL)	01720	1 1L2A1030004	C.CAPACITOR CIT IOV 10	H	
	VEP001A6A	POWER SUB C.B.A.	<u>'</u>	(RTL)FOR VEP01914A	D1051	MA2J11100L	DIODE	-	
	VEPUUTAGA	FOWER SUB C.B.A.	H.	(RTE)FOR VEFUI914A				H.	
			1		D1053	B0JCCE000006	DIODE	1	
			<u> </u>		D1061,62	MA2S72800L	DIODE	2	
C1,C2		C.CAPACITOR CH 50V 220P	-	FOR VEP001A6A	D1101	MA8100-M	DIODE	1	
C1001,02	ECUX1C106VBP	C.CAPACITOR CH 16V 10U	2		D1151	MAZ81800HL	DIODE	1	
C1011	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		D1152	MA2S11100L	DIODE	1	
C1012	F1J0J475A008	C.CAPACITOR CH6.3V 4.7U	1		D1309	MA2J11100L	DIODE	1	
C1013	ECJ0EB1E331K	C.CAPACITOR CH 25V 330P	1		D1518	MA3S132E0L	DIODE	1	
C1014	ECJ0EB1E222K	C.CAPACITOR CH 25V 2200P	1		D1519	B0ADDJ000011	DIODE	1	
C1021	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		D1520	MAZ80620HL	DIODE	1	
C1022	F1J0J475A008	C.CAPACITOR CH6.3V 4.7U	1		D1521	B0BC4R200013	DIODE	1	
C1023	ECJ0EB1E331K	C.CAPACITOR CH 25V 330P	1		D1522	MA8130-M	DIODE	1	
C1024	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	1		D1706	U1GU44	DIODE	1	
C1031	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		D1707	MA2S11100L	DIODE	1	
C1032	F1J0J475A008	C.CAPACITOR CH6.3V 4.7U	1						
C1033	ECJ0EB1E392K	C.CAPACITOR CH 25V 1U	1		IC1001	C0DBAFA00012	IC	1	
C1041		C.CAPACITOR CH 10V 0.1U	1					t i	
C1041	F1J0J475A008	C.CAPACITOR CH6.3V 4.7U	1		⚠ IP1003	K5H8011A0004	FUSE	4	
C1042		C.CAPACITOR CH6.3V 4.70 C.CAPACITOR CH 25V 330P			⚠ IP1003	K5H8011A0004 K5H1021A0004	IC IC	H	
			1		VIV 11.11.0.1	NOTTIO2 IA0004	10	<u> </u>	
C1044	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	1		14004	04045711	0011 17111	H	
C1052		C.CAPACITOR CH 25V 1U	1		L1001	G1C4R7MA0024	COIL 4.7UH	¹	0404704405
04			1		L1011	A921CY-470M	COIL 47UH	1	G1C470MA0011
C1053	ECJ0EB1E272K	C.CAPACITOR CH 25V 2700P	-		I 14004	G1C220MA0011		1	
C1054	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	1		L1021		COIL 22UH	_	
	F1G1C223A004 ECUX1C105KBN	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U	1		L1021	G1C680MA0024	COIL 68UH	1	
C1054	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	<u> </u>					1	
C1054 C1056	F1G1C223A004 ECUX1C105KBN	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U	1		L1031	G1C680MA0024	COIL 68UH	1	
C1054 C1056 C1061	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P	1		L1031 L1041	G1C680MA0024 G1C220MA0011	COIL 68UH COIL 22UH	1 1 1	
C1054 C1056 C1061 C1062	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 3300P	1 1		L1031 L1041 L1061	G1C680MA0024 G1C220MA0011 G1ZZ00000059	COIL 68UH COIL 22UH COIL	1 1 1 1	
C1054 C1056 C1061 C1062 C1063-66	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K F1J1A335A005	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 3300P C.CAPACITOR CH 10V 3.3U	1 1 1 4		L1031 L1041 L1061 L1062	G1C680MA0024 G1C220MA0011 G1ZZ00000059 G1ZZ00000060	COIL 68UH COIL 22UH COIL COIL	1 1 1 1 1	
C1054 C1056 C1061 C1062 C1063-66 C1071	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K F1J1A335A005 ECJ0EB1A104K	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 3300P C.CAPACITOR CH 10V 3.3U C.CAPACITOR CH 10V 0.1U	1 1 4 1		L1031 L1041 L1061 L1062 L1111	G1C680MA0024 G1C220MA0011 G1ZZ00000059 G1ZZ00000060 J0JAC0000011	COIL 68UH COIL 22UH COIL COIL FILTER	1 1 1 1 1 1	
C1054 C1056 C1061 C1062 C1063-66 C1071 C1074 C1101	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K F1J1A335A005 ECJ0EB1A104K F1G1A473A014 F1G1H2210001	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 3300P C.CAPACITOR CH 10V 3.3U C.CAPACITOR CH 10V 0.1U C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 50V 220P	1 1 1 4 1		L1031 L1041 L1061 L1062 L1111 L1121 L1131	G1C680MA0024 G1C220MA0011 G1ZZ00000059 G1ZZ00000060 J0JAC0000011 J0JAC0000011 J0JAC0000011	COIL 68UH COIL 22UH COIL COIL FILTER FILTER FILTER	1 1 1 1 1 1	
C1054 C1056 C1061 C1062 C1063-66 C1071 C1074 C1101 C1102	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K F1J1A335A005 ECJ0EB1A104K F1G1A473A014 F1G1H2210001 F1H1A334A028	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 300P C.CAPACITOR CH 10V 3.3U C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 50V 220P C.CAPACITOR CH 10V 0.33U	1 1 1 4 1 1 1		L1031 L1041 L1061 L1062 L1111 L1121 L1131 L1141	G1C680MA0024 G1C220MA0011 G1ZZ00000059 G1ZZ00000060 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011	COIL 68UH COIL 22UH COIL COIL FILTER FILTER FILTER FILTER FILTER	1 1 1 1 1 1 1	
C1054 C1056 C1061 C1062 C1063-66 C1071 C1074 C1101 C1102 C1103	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K F1J1A335A005 ECJ0EB1A104K F1G1A473A014 F1G1H2210001 F1H1A334A028 F1G1A473A014	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 3300P C.CAPACITOR CH 10V 3.3U C.CAPACITOR CH 10V 0.1U C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 10V 0.20P C.CAPACITOR CH 10V 0.33U C.CAPACITOR CH 10V 0.33U C.CAPACITOR CH 10V 0.047U	1 1 1 4 1 1 1 1		L1031 L1041 L1061 L1062 L1111 L1121 L1131 L1141 L1151	G1C680MA0024 G1C220MA0011 G1ZZ00000059 G1ZZ00000060 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011	COIL 68UH COIL 22UH COIL COIL FILTER FILTER FILTER FILTER FILTER FILTER	11 11 11 11 11 11 11 11 11 11 11 11 11	
C1054 C1056 C1061 C1062 C1063-66 C1071 C1074 C1101 C1102 C1103 C1104-06	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K F1J1A335A005 ECJ0EB1A104K F1G1A473A014 F1G1H2210001 F1H1A334A028 F1G1A473A014 ECJ0EB1A104K	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 3300P C.CAPACITOR CH 10V 0.13 C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 10V 0.03U C.CAPACITOR CH 10V 0.03U C.CAPACITOR CH 10V 0.047U	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		L1031 L1041 L1061 L1062 L1111 L1121 L1131 L1141 L1151 L1171	G1C680MA0024 G1C220MA0011 G1Z200000059 G1ZZ00000060 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011	COIL 68UH COIL 22UH COIL COIL FILTER FILTER FILTER FILTER FILTER FILTER FILTER FILTER FILTER	1 1 1 1 1 1 1 1 1 1	
C1054 C1056 C1061 C1062 C1063-66 C1071 C1074 C1101 C1102 C1103 C1104-06 C1107,08	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K F1J1A335A005 ECJ0EB1A104K F1G1A473A014 F1G1H2210001 F1H1A334A028 F1G1A473A014 ECJ0EB1A104K ECUX1A105KBV	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 3300P C.CAPACITOR CH 10V 0.33U C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 10V 0.033U C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 10V 0.1U C.CAPACITOR CH 10V 0.1U	1 1 1 4 1 1 1 1		L1031 L1041 L1061 L1062 L1111 L1121 L1131 L1141 L1151 L1171 L1211,12	G1C680MA0024 G1C220MA0011 G1ZZ00000059 G1ZZ00000060 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC000011 J0JAC000011 G1C4R7MA0031	COIL 68UH COIL 22UH COIL COIL FILTER FILTER FILTER FILTER FILTER FILTER FILTER FILTER COIL 4.7UH	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
C1054 C1056 C1061 C1062 C1063-66 C1071 C1074 C1101 C1102 C1103 C1104-06 C1107,08 C1112	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K F1J1A335A005 ECJ0EB1A104K F1G1A473A014 F1G1H2210001 F1H1A334A028 F1G1A473A014 ECJ0EB1A104K ECUX1A105KBV F1G1A473A014	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 3300P C.CAPACITOR CH 10V 3.3U C.CAPACITOR CH 10V 0.1U C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 10V 0.033U C.CAPACITOR CH 10V 0.047U	1 1 1 1 1 1 1 1 1 1 3 2		L1031 L1041 L1061 L1062 L1111 L1121 L1131 L1141 L1151 L1171 L1211,12 L1215	G1C680MA0024 G1C220MA0011 G1ZZ00000059 G1ZZ00000060 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC000011 J0JAC000011 J0JAC000011 J0JAC000011	COIL 68UH COIL 22UH COIL COIL FILTER FILTER FILTER FILTER FILTER FILTER FILTER FILTER FOUL 4.7UH COIL 4.7UH	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
C1054 C1056 C1061 C1062 C1063-66 C1071 C1074 C1101 C1102 C1103 C1104-06 C1107,08 C1112 C1113	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K F1J1A335A005 ECJ0EB1A104K F1G1A473A014 F1G1H2210001 F1H1A334A028 F1G1A473A014 ECJ0EB1A104K ECUX1A105KBV F1G1A473A014 ECJ0EC1H151J	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 3300P C.CAPACITOR CH 10V 3.3U C.CAPACITOR CH 10V 0.1U C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 10V 0.033U C.CAPACITOR CH 10V 0.047U 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		L1031 L1041 L1061 L1062 L1111 L1121 L1131 L1141 L1151 L1171 L1211,12 L1215 L1221	G1C680MA0024 G1C220MA0011 G1ZZ00000059 G1ZZ00000060 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC000011 J0JAC000011 G1C4R7MA0031 VLQ0319K4R7 VLQ0319K4R7	COIL 68UH COIL 22UH COIL COIL FILTER FILTER FILTER FILTER FILTER FILTER FILTER COIL 4.7UH COIL 4.7UH COIL 4.7UH	1 1 1 1 1 1 1 1 1 1 2 1 1		
C1054 C1056 C1061 C1062 C1063-66 C1071 C1074 C1101 C1102 C1103 C1104-06 C1107,08 C1112	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K F1J1A335A005 ECJ0EB1A104K F1G1A473A014 F1G1H2210001 F1H1A334A028 F1G1A473A014 ECJ0EB1A104K ECUX1A105KBV F1G1A473A014	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 3300P C.CAPACITOR CH 10V 3.3U C.CAPACITOR CH 10V 0.1U C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 10V 0.033U C.CAPACITOR CH 10V 0.047U	1 1 1 1 1 1 1 1 1 1 3 2		L1031 L1041 L1061 L1062 L1111 L1121 L1131 L1141 L1151 L1171 L1211,12 L1215	G1C680MA0024 G1C220MA0011 G1ZZ00000059 G1ZZ00000060 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC000011 J0JAC000011 J0JAC000011 J0JAC000011	COIL 68UH COIL 22UH COIL COIL FILTER FILTER FILTER FILTER FILTER FILTER FILTER FILTER FOUL 4.7UH COIL 4.7UH	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
C1054 C1056 C1061 C1062 C1063-66 C1071 C1074 C1101 C1102 C1103 C1104-06 C1107,08 C1112 C1113	F1G1C223A004 ECUX1C105KBN ECJ0EB1E152K ECJ0EB1E332K F1J1A335A005 ECJ0EB1A104K F1G1A473A014 F1G1H2210001 F1H1A334A028 F1G1A473A014 ECJ0EB1A104K ECUX1A105KBV F1G1A473A014 ECJ0EC1H151J	C.CAPACITOR CH 16V 0.022U C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 1500P C.CAPACITOR CH 25V 3300P C.CAPACITOR CH 10V 3.3U C.CAPACITOR CH 10V 0.1U C.CAPACITOR CH 10V 0.047U C.CAPACITOR CH 10V 0.033U C.CAPACITOR CH 10V 0.047U 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		L1031 L1041 L1061 L1062 L1111 L1121 L1131 L1141 L1151 L1171 L1211,12 L1215 L1221	G1C680MA0024 G1C220MA0011 G1ZZ00000059 G1ZZ00000060 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC0000011 J0JAC000011 J0JAC000011 G1C4R7MA0031 VLQ0319K4R7 VLQ0319K4R7	COIL 68UH COIL 22UH COIL COIL FILTER FILTER FILTER FILTER FILTER FILTER FILTER COIL 4.7UH COIL 4.7UH COIL 4.7UH	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

		I						Г	
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L1223,24	G1C100K00019	COIL 10UH	2		R1108	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
L1225,26	G1C4R7MA0031	COIL 4.7UH	2		R1109	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
L1227	G1C100KA0002	COIL 10UH	1		R1111	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	1	
L1231	G1C100MA0031	COIL 100UH	1		R1112	ERJ2GEJ822	M.RESISTOR CH 1/16W 8.2K	1	
L1241	VLQ0319K4R7	COIL 4.7UH	1		R1116	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	1	
L1242	G1C4R7MA0002	COIL 4.7UH	1		R1121	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	1	
L1281	G1C100K00019	COIL 10UH	1		R1122	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
L1311	G1C4R7MA0031	COIL 4.7UH	1		R1126	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	Ι.	
L1321	VLQ0319K4R7	COIL 4.7UH	1			ERJ2GEJ151	M.RESISTOR CH 1/16W 150	'	
			1		R1131			H.	
L1341	G1C4R7MA0031	COIL 4.7UH	1		R1132	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
L1501	J0JHC0000018	FILTER	1		R1136	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
L1703	G1C100K00016	COIL 10UH	1		R1141	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	1	
L1706	G1C100K00019	COIL 10UH	1		R1142	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
					R1146	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	1	
P1501	VEE0V03	POWER CABLE	1		R1151	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	1	
P1701	K1KB50B00025	CONNECTOR (FEMALE)	1		R1152	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	1	
P1702	K1KA30B00055	CONNECTOR (MALE)	1		R1153	ERJ2RHD243	M.RESISTOR CH 1/16W 24K	1	
P1703	VJ\$3846A030	CONNECTOR (FEMALE)	1		R1154	ERJ2RHD104	M.RESISTOR CH 1/16W 100K	1	
1 1703	V303040/1030	CONTROL OF (LEMPLE)	_ '		R1155	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	Ι.	
04044	ED400	TRANSISTOR	_					H	
Q1011	FP102	TRANSISTOR	1		R1156	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
Q1021	XN09D5700L	TRANSISTOR	1		R1161	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
Q1022	B1DFCD000011	TRANSISTOR	1		R1171	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	1	
Q1031	XN09D5700L	TRANSISTOR	_ 1		R1172	ERJ2GEJ822	M.RESISTOR CH 1/16W 8.2K	L 1	
Q1041	XN09D5700L	TRANSISTOR	1		R1176	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	1	
Q1042	B1DFCD000011	TRANSISTOR	1		R1179	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
Q1051	2SB766A-R	TRANSISTOR	1		R1182	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	
Q1061,62	FP102	TRANSISTOR	2		R1221	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
Q1101	B1ADCF000059	TRANSISTOR	1		R1309	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
Q1341	B1ADGD000005	TRANSISTOR	4		R1323	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
			'					Ŀ	D01DR0000005
Q1342	XP1501	TRANSISTOR-RESISTOR	1		R1341	ERJ2GEJ121	M.RESISTOR CH 1/16W 120	<u> </u>	
Q1501	B2ABGP000001	THYRISTOR	1		R1343	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1	
Q1702	XP0460100L	TRANSISTOR	1		R1344	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	1	
Q1704	2SJ278	TRANSISTOR	1		R1345	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
					R1402	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
QR1001	B1GDCFGN0009	TRANSISTOR	1		R1501	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
QR1101	UNR9214J0L	TRANSISTOR	1		R1502	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
QR1102	UN9213	TRANSISTOR-RESISTOR	1		R1505	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
QR1161	B1GDCFJA0006	TRANSISTOR	1		R1519	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	1	
QR1162	UN9115	TRANSISTOR-RESISTOR	1		R1520	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	1	
4			_		R1521	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1	
R1002	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005	R1523	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
				D01D10000003				H	D01D100000003
R1011	ERJ2RHD682	M.RESISTOR CH 1/16W 6.8K	- 1		R1733	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	'	
R1012,13	ERJ2RKD820	M.RESISTOR CH 1/16W 82	2		R1738	ERJ2GEJ560	M.RESISTOR CH 1/16W 56	1	
R1014	ERJ2RHD391	M.RESISTOR CH 1/16W 390	1		R1739	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1	
R1015	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1		R1746	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1016	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R1749	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1021	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1						
R1022,23	ERJ2RKD820	M.RESISTOR CH 1/16W 82	2		T1051	G5D1A0000026	TRANSFORMER	1	
R1024	ERJ2RHD221	M.RESISTOR CH 1/16W 220	1		T1701	G5DYA0000051	TRANSFORMER	1	
R1025	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1						
R1026	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	1			1	MISCELLANEOUS		
R1031	ERJ2RHD332	M.RESISTOR CH 1/16W 3.3K	1		1	1			1
R1032,33	ERJ2RKD820	M.RESISTOR CH 1/16W 82	2			VSC5413	CCD HEAT SINK	1	
R1034	ERJ2RHD151	M.RESISTOR CH 1/16W 150	1			1		H'	
	ERJ2RHD151 ERJ2RHD272	M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 2.7K	-		—	 		H	
R1035	!		-		-	 		-	
R1036	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	1		1	1		1	1
R1041	ERJ2RHD821	M.RESISTOR CH 1/16W 820	1		<u> </u>	<u> </u>		L	
R1042,43	ERJ2RKD820	M.RESISTOR CH 1/16W 82	2		<u> </u>			<u> </u>	
R1044	ERJ2RHD181	M.RESISTOR CH 1/16W 180	1		■ E4	VEP01922A	POWER 2 C.B.A.	1	(RTL)
R1045	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1						
R1046	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	1					L	
R1051	ERJ2RHD273	M.RESISTOR CH 1/16W 27K	1		C1251	ECUX1E105KBM	C.CAPACITOR CH 25V 1U	1	
R1052,53	ERJ2RKD820	M.RESISTOR CH 1/16W 82	2		C1252	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
R1054	ERJ2RHD151	M.RESISTOR CH 1/16W 150	1		C1391	F3F1A226A008	T.CAPACITOR CH 10V 22U	1	
R1055	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1		C1451	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
R1056	ERJ2GEJ470	M.RESISTOR CH 1/16W 47	1		C1456	F1J0J475A008	C.CAPACITOR CH6.3V 4.7U	1	
R1061,62	ERJ2GEJ122	M.RESISTOR CH 1/16W 1.2K	2			F1J0J475A008	C.CAPACITOR CH6.3V 4.7U	Ė	
			-		C1491			2	
R1074	ERJ2RHD391	M.RESISTOR CH 1/16W 390	1		C1801,02	VCK0303K225	C.CAPACITOR 2.2U	²	
R1075	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1		C1803		C.CAPACITOR CH 10V 1U	1	
R1076	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	1		C1805	F1J0J475A008	C.CAPACITOR CH6.3V 4.7U	1	
R1101	ERJ2RHD223	M.RESISTOR CH 1/16W 22K	1		C1806	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	<u>_</u> 1	
R1102	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	1		C1808	F1G1A473A014	C.CAPACITOR CH 10V 0.047U	_1	
R1103	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1		C1809	F1G1H2210001	C.CAPACITOR CH 50V 220P	1	
R1104	ERJ2GEJ123	M.RESISTOR CH 1/16W 12K	1		C1810	ECJ0EB1E472K	C.CAPACITOR CH 25V 4700P	1	
R1107	ERJ2GEJ225	M.RESISTOR CH 1/16W 2.2M	1		C1812	ECJ0EB1E471K	C.CAPACITOR CH 25V 470P	1	
			t			1		t	
			 					t	
	1	İ	_			l .	i .	1	1

Fig. 10. Part No.			Т	ī			1	Т	1	
STATES	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
MINISTER MINISTER	C1813	ECJ0EB1C682K	C.CAPACITOR CH 16V 6800P	1		R1822	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
Column	C1814	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		R1823	ERJ2RHD104	M.RESISTOR CH 1/16W 100K	1	
CALIFORNIA CAL	C1815	ECUX1A224KBV	C.CAPACITOR CH 10V 0.22U	1		R1824	ERJ2GEJ470	M.RESISTOR CH 1/16W 47	1	
MARCH MARC	C1816	VCK0303K225	C.CAPACITOR 2.2U	1		R1825	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1	
MARCH MARC	C1821	ECJ0EB1E331K	C.CAPACITOR CH 25V 330P	1		R1826	ERJ2RHD183	M.RESISTOR CH 1/16W 18K	1	
CALIFORCIA CAL				2				M.RESISTOR CH 1/16W 22K	1	
PRINCE P				1			ł		1	
CHIEF CAMPAIGNESS CAMPAIGNE ALL CAMPAIGNES CAMPAIGNE CHIEF CAMPAIGNES				1					1	+
CAMPA CAMP				1					1	-
No. No.		ļ		1			!		1	
Miles Mile	C1832	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1					1	
PRINCES MARCH MA									1	
MAJORIDAD MAJO	D1801	MA2J11100L		1		R1835	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
MASS 1190 DOCE	D1802,03	MA2S11100L	DIODE	2		R1836	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	
MRSS MASS	D1805	MA3J70000L	DIODE	1		R1837	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	1	
MARCH MARC	D1807	MA2S11100L	DIODE	1		R1842,43	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2	!
PRINCE MASSISSEN	D1808	MA8120-M	DIODE	1		R1846	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
MASS 1100. DODGE	D1809,10	MAZ82700ML	DIODE	2		R1848	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1	
PRINCE PRINCE PRINCE CHANGE	D1811	MA3S132E0L	DIODE	1		R1849	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
C1091 C000P7700000 C	D1812	MA2S11100L	DIODE	1		R1850	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
C1091 C000P7700000 C						R1851	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
	IC1301	C0DB7E700003	ır	1					_	+
1.252 GICCOMPANDED DUIL 10.0H 1 1 1 1 1 1 1 1 1		ļ		1	C0DBAZC00010		1	MISCELLANEOUS		+
March Marc	101001	DAST43ALV	10		C0DBA2C00010			WIGCELEANEOUS		
March Marc	14054	0404001/4000	0011 401111	-		-	V805445	MECHA CHIELD CLIEFT	H	
				1		-	VSC5415	MECHA SHIELD SHEET	1	1
		ļ		1						
1.1897 V.2009/1900 COL. 10.0H S OF COMMODES S OF COM				2						
	L1804	G1C331M00006	COIL 330UH	1						
PIROT NESSORBEROUSE STATE STA	L1805	G1C100K00019	COIL 10UH	1						
PIEDS CARRESTOR TANASSTOR	L1807	VLQ0319K100	COIL 10UH	1	G1C100K00023					
Dissi						■ E5	VEP05395A	H/R AMP C.B.A.	1	(RTL)
Display	P1801	K1KB30B00029	CONNECTOR (FEMALE)	1						
Display										
Display	Q1351	2SD2216J0L	TRANSISTOR	1		C5001	F3F1C1060002	T.CAPACITOR CH 16V 10U	1	
D1981 SD181PAHE RANSISTOR 1				1	B1BDBC000001		1		2	,
CS005 CS002 CS00				1	2.222000001		!		1	
C5008				1					1	+
CHIEFE SECZERATE TRANSISTOR									'	
C9912 C0.000 C0.00000 C0.00000 C0.00000 C0.00000 C0.00000 C0.00000 C0.00000 C0.000000 C0.000000 C0.000000 C0.000000 C0.000000 C0.000000 C0.000000 C0.0000000 C0.0000000 C0.0000000 C0.00000000 C0.00000000 C0.0000000000				1					1	
C9893 2851328-R		ļ		1					1	
CS014 CS01				1			1		1	
CR1552 UNR9111JUL TRANSISTOR 1	Q1805			1		C5013	ECJ0EB1C103K		1	
QR1382	Q1806	B1DHCC000029	TRANSISTOR	1		C5014	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
OR1451 UN0213 TRANSISTOR RESISTOR 1						C5016-18	F3F1C1060002	T.CAPACITOR CH 16V 10U	3	i e
QR1801 XP0121300L TRANSISTOR 1	QR1352	UNR9111J0L	TRANSISTOR	1		C5021-24	F1G1H8R00003	C.CAPACITOR CH 50V 8P	4	Į.
OR1803 UN9213 TRANSISTOR RESISTOR 1	QR1451	UN9213	TRANSISTOR-RESISTOR	1						
CR1804 UN9112J TRANSISTOR	QR1801	XP0121300L	TRANSISTOR	1		IC5001	AN3732FJMEFV	IC	1	
CR1806 XP0111300L TRANSISTOR 1	QR1803	UN9213	TRANSISTOR-RESISTOR	1						
CR1806 XP0111300L TRANSISTOR 1	QR1804	UN9112J	TRANSISTOR	1		L5001	G1C101KA0031	COIL 100UH	1	
R1451 ERIZRHD153 M.RESISTOR CH 1/16W 15K 1 R1452 ERIZRHD272 M.RESISTOR CH 1/16W 390 1 R1453 ERIZRHD272 M.RESISTOR CH 1/16W 2/K 1 R1454 ERIZGEJ322 M.RESISTOR CH 1/16W 2/K 1 R1454 ERIZGEJ323 M.RESISTOR CH 1/16W 2/K 1 R1454 ERIZGEJ232 M.RESISTOR CH 1/16W 2/K 1 R1456 ERIZGEJ224 M.RESISTOR CH 1/16W 2/K 1 R1456 ERIZGEJ224 M.RESISTOR CH 1/16W 2/K 1 R1456 ERIZGEJ224 M.RESISTOR CH 1/16W 2/K 1 R1456 ERIZGEJ224 M.RESISTOR CH 1/16W 2/K 2 R1457.88 ERIZGEJ227 M.RESISTOR CH 1/16W 2/K 2 R1457.89 ERIZGEJ272 M.RESISTOR CH 1/16W 2/K 1 R1491 ERIZGEZY27 M.RESISTOR CH 1/16W 2/K 1 R1492 ERIZGEZY27 M.RESISTOR CH 1/16W 2/K 1 R1493 ERIZGEZY27 M.RESISTOR CH 1/16W 2/K 1 R1494 ERIZGEZY37 M.RESISTOR CH 1/16W 4/K 1 R1494 ERIZGEZY37 M.RESISTOR CH 1/16W 4/K 1 R1495 ERIZGEJ138 M.RESISTOR CH 1/16W 1/K 1 R1896 ERIZGEJ38 M.RESISTOR CH 1/16W 3/K 2 R1896 ERIZGEJ38 M.RESISTOR CH 1/16W 3/K 1 R1896 ERIZGEJ38 M.RESISTOR CH 1/16W 3/K 2 R1896				1			!		2	,
R1452 ERJZRHD391 M.RESISTOR CH 1/16W 390 1 1				Ė					-	
R1452 ERJZRHD391 M.RESISTOR CH 1/16W 390 1 1	R1451	ERJ2RHD153	M RESISTOR CH 1/16W 15K	1		P5001	K1MN08R00040	CONNECTOR	1	
R1453 RRJZRHD272 M.RESISTOR CH 1/16W 2.7K 1						1 3301		00E010IX	<u> </u>	+
R1454 ERJ2GEJ332 M.RESISTOR CH 1/16W 3.3K 1 R5004 ERJ2GEJ322 M.RESISTOR CH 1/16W 22K 1 R5006 ERJ2GEJ222 M.RESISTOR CH 1/16W 22K 1 R5006 ERJ2GEJ222 M.RESISTOR CH 1/16W 22K 1 R5007.08 ERJ2GE0700 M.RESISTOR CH 1/16W 22K 1 R5007.08 ERJ2GE0700 M.RESISTOR CH 1/16W 0 2 R5007.08 ERJ2GE0700 M.RESISTOR CH 1/16W 0 2 R5007.08 ERJ2GE0700 M.RESISTOR CH 1/16W 0 2 R5007.08 ERJ2GE0700 M.RESISTOR CH 1/16W 10K 4 R5015 ERJ2GEJ102 M.RESISTOR CH 1/16W 22K 1 R18014 ERJ2GEJ222 M.RESISTOR CH 1/16W 24K 1 R18015 ERJ2RHD233 M.RESISTOR CH 1/16W 33K 2 R1808 ERJ2GEJ124 M.RESISTOR CH 1/16W 22K 1 R1811, 2 ERJ2GEJ124 M.RESISTOR CH 1/16W 12K 1 R1811, 2 ERJ2GEJ124 M.RESISTOR CH 1/16W 12K 1 R1811, 2 ERJ2GEJ123 M.RESISTOR CH 1/16W 33K 2 R18114 ERJ2RHD233 M.RESISTOR CH 1/16W 22K 1 C4601 ECUX1C106KBP C.CAPACITOR CH 16V 10U 1 R18115 ERJ2RHD272 M.RESISTOR CH 1/16W 27K 1 C4607 ECSTIVV106 E.CAPACITOR CH 25V 0.1U 1 R1817 ERJ2GEJ334 M.RESISTOR CH 1/16W 30K 1 C4607 ECSTIVV106 E.CAPACITOR CH 35V 10M 1 R1820 ERJ2GEJ884 M.RESISTOR CH 1/16W 30K 1 C4607 ECSTIVV106 E.CAPACITOR CH 15V 10U 1 R1820 ERJ2GEJ334 M.RESISTOR CH 1/16W 30K 1 C4607 ECSTIVV106 E.CAPACITOR CH 15V 10U 1 R1820 ERJ2GEJ384 M.RESISTOR CH 1/16W 30K 1 C4607 ECSTIVV106 E.CAPACI		ļ		1		Decor	ED INCESE:	M DEGIGTOR OUT 1/40000		1
R1455 ERJ2GEJ222 M.RESISTOR CH 1/16W 22K 1 R5007,08 ERJ2GEJ222 M.RESISTOR CH 1/16W 22K 1 R5007,08 ERJ2GEJ222 M.RESISTOR CH 1/16W 22K 1 R5007,08 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 2 R5007,08 ERJ2GEJ473 M.RESISTOR CH 1/16W 10K 4 R5015 ERJ2GEJ473 M.RESISTOR CH 1/16W 27K 1 R5015 ERJ2GEJ102 M.RESISTOR CH 1/16W 10K 4 R5015 ERJ2GEJ102 M.RESISTOR CH 1/16W 27K 1 R5015 ERJ2GEJ102 M.RESISTOR CH 1/16W 10K 2 R1493 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 1 R5015 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 1 R5015 ERJ2GEJ473 M.RESISTOR CH 1/16W 38K 1 R1805 ERJ2RHD333 M.RESISTOR CH 1/16W 39K 1 R1805 ERJ2RHD333 M.RESISTOR CH 1/16W 39K 1 R1806 ERJ2GEJ124 M.RESISTOR CH 1/16W 38K 2 R1808 ERJ2GEJ222 M.RESISTOR CH 1/16W 38K 2 R1809 ERJ2GEJ473 M.RESISTOR CH 1/16W 120K 1 R1811,12 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 2 R1811,14 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 2 R1811,14 ERJ2GEJ473 M.RESISTOR CH 1/16W 33K 2 R1811,14 ERJ2GEJ473 M.RESISTOR CH 1/16W 33K 2 R1815 ERJ2RHD333 M.RESISTOR CH 1/16W 47K 2 R1811,14 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 2 R1811 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 2 R1811 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K							!		1	1
R1456 ERJ2GEJ224 M.RESISTOR CH 1/16W 220K 1 R5007,08 ERJ2GEDR00 M.RESISTOR CH 1/16W 0 2 R1457,58 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 2 R5009-12 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 4 R5015 ERJ2GEJ102 M.RESISTOR CH 1/16W 10K 4 R5015 ERJ2GEJ102 M.RESISTOR CH 1/16W 10K 4 R5015 ERJ2GEJ102 M.RESISTOR CH 1/16W 10K 1 R5015 ERJ2GEJ102 M.RESISTOR CH 1/16W 10K 1 R5015 ERJ2GEJ22 M.RESISTOR CH 1/16W 22K 1 R1494 ERJ2GEJ473 M.RESISTOR CH 1/16W 22K 1 R1801 ERJ2GEJ403 M.RESISTOR CH 1/16W 30K 1 R1806 ERJ2RH0243 M.RESISTOR CH 1/16W 39K 1 R1808 ERJ2GEJ222 M.RESISTOR CH 1/16W 38K 2 R1809 ERJ2GEJ124 M.RESISTOR CH 1/16W 47K 2 R1801 ERJ2GEJ124 M.RESISTOR CH 1/16W 47K 2 R1801 ERJ2GEJ124 M.RESISTOR CH 1/16W 47K 2 R1811 ERJ2GEJ124 M.RESISTOR CH 1/16W 47K 2 R1811 ERJ2GEJ124 M.RESISTOR CH 1/16W 47K 2 R1811 ERJ2GEJ124 M.RESISTOR CH 1/16W 33K 2 R1813 ERJ2GEJ124 M.RESISTOR CH 1/16W 33K 2 R1815 ERJ2GEJ124 M.RESISTOR CH 1/16W 33K 2 R1815 ERJ2GEJ124 M.RESISTOR CH 1/16W 33K 2 R1815 ERJ2GEJ124 M.RESISTOR CH 1/16W 22K 1 C4601 ECUX1C106KBP C.CAPACITOR CH 16V 10U 1 R1816 ERJ2RHD272 M.RESISTOR CH 1/16W 270 1 C4602 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 R1817 ERJ2GEJ34 M.RESISTOR CH 1/16W 30K 1 C4607 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 R1819 ERJ2GEJ34 M.RESISTOR CH 1/16W 30K 1 C4607 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 R1819 ERJ2GEJ34 M.RESISTOR CH 1/16W 30K 1 C4607 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 R1819 ERJ2GEJ34 M.RESISTOR CH 1/16W 30K 1 C4607 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 R1819 ERJ2GEJ34 M.RESISTOR CH 1/16W 30K 1 C4607 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 R1819 ERJ2GEJ34 M.RESISTOR CH 1/16W 30K 1 C4607 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 R1819 ERJ2GEJ34 M.RESISTOR CH 1/16W 30K 1 C4607 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 R182									_	<u> </u>
R1457,58 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 2 R5009-12 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 4 R51491 ERJ2GEY272 M.RESISTOR CH 1/16W 2.7K 1 R5015 ERJ2GEJ102 M.RESISTOR CH 1/16W 1K 1 M.RESISTOR CH 1/16W 2.7K 1 M.RESISTOR CH 1/16W 2.7K 1 M.RESISTOR CH 1/16W 2.7K 1 M.RESISTOR CH 1/16W 2.2K 1 M.RESISTOR CH 1/16W 2.2K 1 M.RESISTOR CH 1/16W 10K 2 M.RESISTOR CH 1/16W 10K 2 M.RESISTOR CH 1/16W 10K 2 M.RESISTOR CH 1/16W 10K 2 M.RESISTOR CH 1/16W 10K 2 M.RESISTOR CH 1/16W 10K 2 M.RESISTOR CH 1/16W 10K 2 M.RESISTOR CH 1/16W 10K 2 M.RESISTOR CH 1/16W 24K 1 M.RESISTOR CH 1/16W 39K 1 M.RESISTOR CH 1/16W 39K 1 M.RESISTOR CH 1/16W 39K 2 M.RESISTOR CH 1/16W 39K 2 M.RESISTOR CH 1/16W 39K 2 M.RESISTOR CH 1/16W 39K 2 M.RESISTOR CH 1/16W 69K 1 M.RESISTOR CH 1/16W 69K 1 M.RESISTOR CH 1/16W 47K 2 M.RESISTOR CH 1/16W 39K 2 M.RESISTOR CH 1/16W 39K 2 M.RESISTOR CH 1/16W 39K 1 M.RESISTOR CH 1/16W 47K 2 M.RESISTOR CH 1/16W 39K 2 M.RESISTOR CH 1/16W 39K 1 M.RESISTOR CH 1/16W 47K 2 M.RESISTOR CH 1/16W 39K 2 M.RESISTOR CH 1/16W 39K 1 M.RESISTOR CH 1/16W 39K 1 M.RESISTOR CH 1/16W 20K 1 M.RESISTOR CH 1/16W 39K 2 M.RESISTOR CH 1/16W 39K 2 M.RESISTOR CH 1/16W 20K 1 M.RESISTOR CH 1										
R1491 ERJ6GEYG272 M.RESISTOR CH 1/10W 2.7K 1 R5015 ERJ2GEJ102 M.RESISTOR CH 1/16W 2.7K 1 R1492 ERJ3GEYJ272 M.RESISTOR CH 1/16W 2.7K 1 MISCELLANEOUS MISCELL							!		2	
R1492 ERJ3GEYJ272 M.RESISTOR CH 1/16W 2.7K 1 R1493 ERJ2GEJ222 M.RESISTOR CH 1/16W 2.2K 1 R1494 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 1 R1801,02 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 2 R1804 ERJ2RHD243 M.RESISTOR CH 1/16W 24K 1 R1805 ERJ2RHD243 M.RESISTOR CH 1/16W 39K 1 R1806,07 ERJ2RHD333 M.RESISTOR CH 1/16W 33K 2 R1809 ERJ2RHD833 M.RESISTOR CH 1/16W 68K 1 R1810 ERJ2GEJ223 M.RESISTOR CH 1/16W 68K 1 R1811,12 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 2 R1811,14 ERJ2RHD333 M.RESISTOR CH 1/16W 47K 2 R1815 ERJ2RHD233 M.RESISTOR CH 1/16W 33K 2 R1816 ERJ2RHD227 M.RESISTOR CH 1/16W 33K 2 R1817 ERJ2RHD272 M.RESISTOR CH 1/16W 27K 1 R1817 ERJ2RHD272 M.RESISTOR CH 1/16W 27K 1 R1819 ERJ2GEJ344 M.RESISTOR CH 1/16W 27K 1 R1819 ERJ2GEJ334 M.RESISTOR CH 1/16W 270 1 R1819 ERJ2GEJ334 M.RESISTOR CH 1/16W 30K 1 R1820 ERJ2GEJ684 M.RESISTOR CH 1/16W 30K 1 R1820 ERJ2GEJ684 M.RESISTOR CH 1/16W 30K 1 RESISTOR CH 1/16W 270 1 C4607 ECSTIVV106 E.CAPACITOR CH 35V 10M 1 R1820 ERJ2GEJ684 M.RESISTOR CH 1/16W 30K 1	R1457,58	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	_ 2		R5009-12	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	4	
R1493 ERJ2GEJ222 M.RESISTOR CH 1/16W 2.2K 1 R1494 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 1 R1801,02 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 2 R1804 ERJ2RHD243 M.RESISTOR CH 1/16W 24K 1 R1805 ERJ2RHD343 M.RESISTOR CH 1/16W 39K 1 R1806,07 ERJ2RHD333 M.RESISTOR CH 1/16W 22K 1 R1809 ERJ2RHD883 M.RESISTOR CH 1/16W 26K 1 R1810 ERJ2GEJ124 M.RESISTOR CH 1/16W 68K 1 R1811,12 ERJ2GEJ473 M.RESISTOR CH 1/16W 33K 2 R1811,14 ERJ2RHD333 M.RESISTOR CH 1/16W 33K 2 R1815 ERJ2RHD272 M.RESISTOR CH 1/16W 22K 1 R1816 ERJ2RHD272 M.RESISTOR CH 1/16W 22K 1 R1817 ERJ2RHD273 M.RESISTOR CH 1/16W 27K 1 R1818 ERJ2RHD274 M.RESISTOR CH 1/16W 33K 2 R1819 ERJ2RHD274 M.RESISTOR CH 1/16W 27K 1 R1819 ERJ2GEJ334 M.RESISTOR CH 1/16W 27K 1 R1819 ERJ2GEJ334 M.RESISTOR CH 1/16W 330K 1 R1820 ERJ2GEJ684 M.RESISTOR CH 1/16W 330K 1 C4607 ECST1CX106Z T.CAPACITOR CH 25V 0.1U 1 R1820 ERJ2GEJ684 M.RESISTOR CH 1/16W 680K 1	R1491	ERJ6GEYG272	M.RESISTOR CH 1/10W 2.7K	1		R5015	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R1494 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 1	R1492	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1						
R1801,02 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 2	R1493	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1				MISCELLANEOUS		
R1801,02 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 2				1						
R1804 ERJZRHD243 M.RESISTOR CH 1/16W 24K 1 R1805 ERJZRHD393 M.RESISTOR CH 1/16W 39K 1 R1806,07 ERJZRHD333 M.RESISTOR CH 1/16W 33K 2 R1808 ERJZGEJ223 M.RESISTOR CH 1/16W 22K 1 R1809 ERJZRHD883 M.RESISTOR CH 1/16W 68K 1 R1810 ERJZGEJ124 M.RESISTOR CH 1/16W 120K 1 R1811 ERJZGEJ124 M.RESISTOR CH 1/16W 47K 2 R1813,14 ERJZRHD333 M.RESISTOR CH 1/16W 33K 2 R1815 ERJZRHD233 M.RESISTOR CH 1/16W 22K 1 R1816 ERJZRHD223 M.RESISTOR CH 1/16W 22K 1 R1816 ERJZRHD272 M.RESISTOR CH 1/16W 27K 1 R1817 ERJZRHD271 M.RESISTOR CH 1/16W 27N 1 R1819 ERJZGEJ334 M.RESISTOR CH 1/16W 270 1 R1820 ERJZGEJ884 M.RESISTOR CH 1/16W 330K 1 R1820 ERJZGEJ884 M.RESISTOR CH 1/16W 680K 1				2			VSC4639	SHIELD CASE	1	
R1805 ERJZRHD393 M.RESISTOR CH 1/16W 39K 1 R1806,07 ERJZRHD333 M.RESISTOR CH 1/16W 33K 2 R1808 ERJZGEJ223 M.RESISTOR CH 1/16W 22K 1 R1809 ERJZRHD883 M.RESISTOR CH 1/16W 68K 1 R1810 ERJZGEJ124 M.RESISTOR CH 1/16W 120K 1 R1811,12 ERJZGEJ473 M.RESISTOR CH 1/16W 47K 2 R1813,14 ERJZRHD333 M.RESISTOR CH 1/16W 33K 2 R1815 ERJZRHD223 M.RESISTOR CH 1/16W 22K 1 R1816 ERJZRHD272 M.RESISTOR CH 1/16W 22K 1 R1817 ERJZRHD271 M.RESISTOR CH 1/16W 27V 1 R1817 ERJZRHD271 M.RESISTOR CH 1/16W 270 1 R1819 ERJZGEJ334 M.RESISTOR CH 1/16W 330K 1 R1820 ERJZGEJ684 M.RESISTOR CH 1/16W 680K 1		ļ	M.RESISTOR CH 1/16W 24K	1						
R1806,07				1			1			+
R1808 ERJ2GEJ223 M.RESISTOR CH 1/16W 2ZK 1 R1809 ERJZRHD683 M.RESISTOR CH 1/16W 68K 1 R1810 ERJ2GEJ124 M.RESISTOR CH 1/16W 120K 1 R1811,12 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 2 R1813,14 ERJZRHD333 M.RESISTOR CH 1/16W 33K 2 R1815 ERJZRHD232 M.RESISTOR CH 1/16W 2ZK 1 R1816 ERJZRHD272 M.RESISTOR CH 1/16W 2ZK 1 R1817 ERJZRHD271 M.RESISTOR CH 1/16W 2ZK 1 R18187 ERJZRHD271 M.RESISTOR CH 1/16W 270 1 R1819 ERJZGEJ334 M.RESISTOR CH 1/16W 330K 1 R1820 ERJZGEJ684 M.RESISTOR CH 1/16W 330K 1 C4607 ECST1VV106 E.CAPACITOR CH 25V 0.1U 1 R1820 ERJ2GEJ684 M.RESISTOR CH 1/16W 680K 1				<u> </u>		-	1			+
R1809 ERJZRHD683 M.RESISTOR CH 1/16W 68K 1 R1810 ERJZGEJ124 M.RESISTOR CH 1/16W 120K 1 R1811,12 ERJZGEJ473 M.RESISTOR CH 1/16W 47K 2 R1813,14 ERJZRHD333 M.RESISTOR CH 1/16W 33K 2 R1815 ERJZRHD223 M.RESISTOR CH 1/16W 2ZK 1 R1816 ERJZRHD272 M.RESISTOR CH 1/16W 2ZK 1 R1817 ERJZRHD271 M.RESISTOR CH 1/16W 27K 1 R1819 ERJZRHD271 M.RESISTOR CH 1/16W 330K 1 R1819 ERJZGEJ334 M.RESISTOR CH 1/16W 330K 1 R1820 ERJZGEJ684 M.RESISTOR CH 1/16W 680K 1		ļ		<u> </u>			+			
R1810 ERJ2GEJ124 M.RESISTOR CH 1/16W 120K 1										-
R1811,12 ERJ2GEJ473 M.RESISTOR CH 1/16W 47K 2				<u> </u>			VED0::-:	0.005.00.4		(DTI)
R1813,14 ERJ2RHD333 M.RESISTOR CH 1/16W 33K 2						■ E6	VEP04817A	R SIDE C.B.A.	1	(RIL)
R1815 ERJ2RHD223 M.RESISTOR CH 1/16W 22K 1 C4601 ECUX1C106KBP C.CAPACITOR CH 16V 10U 1						1				
R1816 ERJ2RHD272 M.RESISTOR CH 1/16W 2.7K 1 C4602 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 R1817 ERJ2RHD271 M.RESISTOR CH 1/16W 270 1 C4605 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 R1819 ERJ2GEJ334 M.RESISTOR CH 1/16W 330K 1 C4607 ECST1VV106 E.CAPACITOR CH 35V 10M 1 R1820 ERJ2GEJ684 M.RESISTOR CH 1/16W 680K 1 C4617 ECST1CX106Z T.CAPACITOR CH 16V 10U 1	R1813,14	ERJ2RHD333	M.RESISTOR CH 1/16W 33K	2						
R1817 ERJ2RHD271 M.RESISTOR CH 1/16W 270 1 C4605 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 R1819 ERJ2GEJ334 M.RESISTOR CH 1/16W 330K 1 C4607 ECST1VV106 E.CAPACITOR CH 35V 10M 1 R1820 ERJ2GEJ684 M.RESISTOR CH 1/16W 680K 1 C4617 ECST1CX106Z T.CAPACITOR CH 16V 10U 1	R1815	ERJ2RHD223	M.RESISTOR CH 1/16W 22K	1		C4601	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
R1819 ERJ2GEJ334 M.RESISTOR CH 1/16W 330K 1 C4607 ECST1VV106 E.CAPACITOR CH 35V 10M 1 R1820 ERJ2GEJ684 M.RESISTOR CH 1/16W 680K 1 C4617 ECST1CX106Z T.CAPACITOR CH 16V 10U 1	R1816	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1		C4602	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
R1819 ERJ2GEJ334 M.RESISTOR CH 1/16W 330K 1 C4607 ECST1VV106 E.CAPACITOR CH 35V 10M 1 R1820 ERJ2GEJ684 M.RESISTOR CH 1/16W 680K 1 C4617 ECST1CX106Z T.CAPACITOR CH 16V 10U 1	R1817	ERJ2RHD271	M.RESISTOR CH 1/16W 270	1		C4605	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
R1820 ERJ2GEJ684 M.RESISTOR CH 1/16W 680K 1 C4617 ECST1CX106Z T.CAPACITOR CH 16V 10U 1				1			1		1	
									1	
1		ļ		4					4	
	1/10/21	L102GEJ104	MINEGIOTOR OIT I/10W 100K	<u> </u>		C4010	L001 1A02202R	LOSE ACTION OIL TOV 220	H.	
		 		 			+			

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Рс	s Remarks
C4619		T.CAPACITOR CH 16V 10U	1	romano	D353,54	MA142K	DIODE	2	+
C4620	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1						
C4622,23	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	2		SW351,52	K0E112A00108	SWITCH	2	2
					SW353	K0H1BA000251	SWITCH	1	
D4601	MA142K	DIODE	1		SW355	EVQQW101M	SWITCH	1	
D4604,05	MA142WA	DIODE	2		SW356	K9AA01500015	SWITCH	1	
D4606,07	MA142K	DIODE	2					-	
D4608	MA142WA	DIODE	1				MISCELLANEOUS	-	
D4609	MA142K	DIODE	1			1/000047	MENIN BOTATION (MOD OUTET	I .	
104004	TA75\4/5505\1	IC	_	COA DD 4000040		VGQ6917	MENU ROTATION KNOB SHEET	1	
IC4601 IC4605	TA75W558FU AN77L09M	IC IC	1	C0ABBA000042		VGU9198 XQN2+B3FN	ROTATION KNOB SCREW	_	
104003	AIV//E09IVI	10				VMP7353	W. BAL ANGLE	+	
P4601	K1KA04B00137	CONNECTOR (MALE)	1			VMP7342	IRIS JOG ANGLE	۲.	
P4603	K1KA08B00137	CONNECTOR (MALE)	1			7012	11100007111022	1	
P4604	K1MN51B00007	CONNECTOR	1						
P4605		CONNECTOR (MALE)	1					1	
P4606	K1MN27B00034	CONNECTOR	1						
P4607	VJS3791D010	CONNECTOR (FEMALE)	1	K1MN10B00021					
P4608	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051	■ E9	VEP28272B	EVF A C.B.A.	1	(RTL)
		-						L	
Q4601	2SD1819A0L	TRANSISTOR	1					L	
					REF1	K1MN16B00039	CONNECTOR	1	
QR4601,02	UN5212	TRANSISTOR-RESISTOR	2		REF2	K1MN19B00029	CONNECTOR	1	
R4618		M.RESISTOR CH 1/16W 10K	1	D0GB103JA002				-	
R4620		M.RESISTOR CH 1/16W 10K	1	D0GB103JA002				-	
R4622,23		M.RESISTOR CH 1/16W 0	2					-	-
R4625	ERJ3RBD103 ERJ3GEY0R00	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 0	3		■ E40	VEP28275B	EVF B C.B.A.	-	(RTL)
R4627-29 R4630	ERJ3GEY0R00 ERJ3RBD103	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 10K	1		■ E10	VEF202/3B	LVI D U.D.M.	H	(RTL)
R4632,33		M.RESISTOR CH 1/16W 10K	2					-	
R4635		M.RESISTOR CH 1/16W 0	1		REF1	A2CD00000030	TRANSISTOR	1	1
R4637	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1		REF2	B1DFCL000006	TRANSISTOR	1	
R4638		M.RESISTOR CH 1/16W 47K	1		REF3	ETJ11K90AM	TRANSFORMER	1	
R4639		M.RESISTOR CH 1/16W 10K	1	D0GB103JA002	REF4	F1L1A2260013	C.CAPACITOR CH 10V 22U	-	
R4640,41		M.RESISTOR CH 1/16W 100K	2		REF5	G1C100KA0005	COIL 10UH	1	ı
R4644,45		M.RESISTOR CH 1/16W 10K	2	D0GB103JA002					
R4690,91	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2					L	
SW4601		SWITCH	1						
SW4602	K0D122A00126	SWITCH	1		L				
SW4604,05	K0D122A00126	SWITCH	2		■ E11	VEP000Z0A	MENU C.B.A.	1	(RTL)
SW4606,07	EVQQW101M	SWITCH	2					-	-
SW4609-14	EVQQW101M	SWITCH	6		De40.40	MATADIMA	DIODE	-	
VR4601,02	D2BBA14A0002	V.RESISTOR 10K	2		D610-12 D614-16	MA142WA MA142WA	DIODE	3	
11,02			_		2014-10			Ť	
					P610	VJS3791D010	CONNECTOR (FEMALE)	1	K1MN10B00021
							,	Ħ	·
					SW608	K0H1ZA000001	SWITCH	1	ı
					SW609	EVQQWS01M	SWITCH	1	ı
■ E7	VEP06E92A	CAMERA OP1 C.B.A.	1	(RTL)					
D301-04	MA142WA	DIODE	4						
									<u> </u>
P301	K1MN10B00052	CONNECTOR	1		■ E12	VEP06E95A	HANDLE 1 C.B.A.	1	(RTL)
QIMO04	K0D113B00000	SWITCH	4					-	-
SW301 SW302-06		SWITCH SWITCH	5		C451,52	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	2	
344302-00	NOI 11DAUUU442	OTT. 011	5		C451,52 C453	ECUX1E104ZFV	C.CAPACITOR CH 50V 33P	-	
		MISCELLANEOUS			C453 C454,55		C.CAPACITOR CH 25V 0.10	2	
					C456,57	ECJ1VB1E223K	C.CAPACITOR CH 25V 0.022U	2	
	VMP7335	C.B.A. HOLDER ANGLE	1		C458,59	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	2	
		SCREW	2		C460,61	F1J1A335A003	C.CAPACITOR CH 10V 3.3U	2	
					C462	ECST1AX226Z	T.CAPACITOR CH 10V 22U	1	
					C463	ECST1CC226Z	T.CAPACITOR CH 16V 22U	1	1
					C464	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	I
		-			D451-53	MA142K	DIODE	3	3
■ E8	VEP06E93A	CAMERA OP2 C.B.A.	1	(RTL)					
					IC451,52	TA75W01FU	IC	2	2
D351,52	MA142WA	DIODE	2		P451	VJS3801B020	CONNECTOR (FEMALE)	1	
-					-				
L						l	<u> </u>	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P452	K1MN10B00052	CONNECTOR	1	Remarks	IC4801	C0ABBB000081	IC	1	Remarks
P453	K1MN07B00070	CONNECTOR	1						
			Ť		M4801-04	WM-61B102A	ECM	4	
Q451,52	2SD1819A0L	TRANSISTOR	2						
Q453	2SD1824	TRANSISTOR	1		Q4801	2SD2216J	TRANSISTOR	1	
R453,54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2		R4801-04	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	4	
R457,58	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2		R4805-12	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	8	3
R459-62	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	4		R4813	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	
R463,64	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2		R4814	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
R465,66	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2		R4815	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
R467,68	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	2						
R469	ERJ3GEYJ133	M.RESISTOR CH 1/16W 13K	1				MISCELLANEOUS		
R481	ERJ3GEYJ133	M.RESISTOR CH 1/16W 13K	1						
R482,83	ERJ3GEYJ623	M.RESISTOR CH 1/16W 62K	2			VMT1249	MIC DUNPER	1	
R486	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1			VWJ1590	INT MIC FLEX.	1	
R487	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1						
R488	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1						
R489,90	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2						
R491-94	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	4						
SW451	RSH1A77ZA-A	SWITCH	1	K0H1BA000104	■ E15	VEP06E94A	F TALLY C.B.A.	1	(RTL)
SW452,53	K0H1BA000433	SWITCH	2						
		MISCELLANEOUS			C401	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
					C402	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
	VGQ6880	HANDLE S/S HOLDER	1						
	VGQ6881	T/W BUTTON HOLDER	1		D401	B3AAB0000129	LED	1	
	VGU9208	HANDLE T/W BUTTON	1						
	VMS7185	HANDLE ZOOM SHAFT	1		IC401	VEK8283	REMOTE CONTROL RECEIVER	1	B3RZB0000001
	XUC15FP	E-RING	2						
	XQN2+CJ5	SCREW	2		R401	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
	VMG1480	HANDLE T/W BUTTON RUBBER	1		R402	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
■ E13	VEP06F04A	HANDLE 2 C.B.A.	1	(RTL)	■ E16	VEP000Y2A	EVR CONNECT	1	(RTL)
C471	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1		B51	VSB0407	BATTERY	1	
C472	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1						
					P51	K1KA30B00055	CONNECTOR (MALE)	1	
D471,72	MA142K	DIODE	2		P52	K1MN51B00007	CONNECTOR	1	
D473	B3AAB0000129	LED	1		P53	K1MN16A00038	CONNECTOR	1	
					P54	VJS3791B013	CONNECTOR (FEMALE)	1	
IC471	VEK8283	REMOTE CONTROL RECEIVER	1	B3RZB0000001	P55	K1KA60A00065	CONNECTOR	1	
					P56	K1KBC0B00009	CONNECTOR (FEMALE)	1	
R471	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1						
R472	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1		R52	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
SW471	K0D123A00035	SWITCH	1						
W471,72	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2						
			t		■ E17	VEP000Y3A	VC CONNECT C.B.A.	1	(RTL)
			l						
	1		T		P551	K1KBC0A00051	CONNECTOR (FEMALE)	1	
■ E14	VEP04828A	MIC C.B.A.	1	(RTL)	P552	VJS3826C024	CONNECTOR (FEMALE)	1	
			l		P553	K1MN12B00105	CONNECTOR	1	
	1		T		P556	K1KA04B00137	CONNECTOR (MALE)	1	
C4801-04	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	4		P557	K1KA80A00098	CONNECTOR (MALE)	1	
C4806	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1		P559	K1MN18A00026	CONNECTOR	1	1
C4808	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1					Ė	
C4809	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	1			1			
C4810	ECUX1A224KBV	C.CAPACITOR CH 10V 0.22U	1						
C4811	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	1						
C4811	ECUX1A224KBV	C.CAPACITOR CH 16V 0.022U	1					H	
C4812	1	T.CAPACITOR CH 10V 0.22U	1		■ E18	VEP000Y4A	LCD OPEN SW C.B.A.	-	(RTL)
	F3E0J106A005		1		■ E18	VLF 00014A	LOD OF LIN OW C.D.A.	<u> </u>	(RTL)
C4814	ECST0JY226	T.CAPACITOR CH6.3V 22U	1			1			1
ED4001	IVANA IOTO COCTO	CONNECTOR	+-		014/704	KOLADA COCCAT	OMITOLI	١.	
FP4801	K1MN07B00072	CONNECTOR	1		SW701	K0L1BA000015	SWITCH	1	
	101	İ	İ			Ì	I		I
			+-	1					

		I				Т		Т	<u> </u>
Ref.No.	Part No.		Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Po	cs Remarks
		MISCELLANEOUS						-	
	VMD7254	C B A HOLDER ANGLE	1					H	
	VMP7354 XQN2+B3FN	C.B.A. HOLDER ANGLE SCREW	1					╁	+
	VEE0U27	LCD OPEN CABLE	1		■ E23	VEP06E90A	ZOOM SW C.B.A.	H	1 (RTL)
	1220027	200 01 211 0/1022	•			VET 0020071	2001110111012111	t	1(112)
					C201,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	Ī	2
					D202	MA142K	DIODE		1
■ E19	VEP000Y6A	REAR JACK CONNECT C.B.A.	1	(RTL)				<u> </u>	
					SW201	EVQQWS01M	SWITCH	-	1
P251	K1KB30A00128	CONNECTOR (FEMALE)	1		VR201	D2B1B15B0001	V.RESISTOR 100K	-	1
F 201	K1KB30A00128	CONNECTOR (I LIVIALE)			VI(201	D2B1B13B0001	V.KESISTOK 100K		-
		MISCELLANEOUS						H	
A	VMZ3097	POWER INSULATION SHEET C	1					Ī	
					■ E24	VEP000Y9A	TOP OP C.B.A.		1 (RTL)
					Doc:	11111111111	DIODE	L	
■ E00	VED000\/7.4	E IECT C B A		(DTL)	D601-03	MA142WA	DIODE	H	3
■ E20	VEP000Y7A	EJECT C.B.A.	1	(RTL)	D605	MA142WA	DIODE	H	+
					SW601-04	EVQQWS01M	SWITCH	-	4
P651	K1KA02B00053	CONNECTOR (MALE)	1		SW606	EVQQWS01M EVQQWS01M	SWITCH	H	1
		' ('''' '==')			1		-	l	+
SW651	K0L1BA000015	SWITCH	1					t	1
		MISCELLANEOUS							
	VMP7334	EJECT C.B.A. HOLDER ANGLE	1		■ E25	VEP22331A	GYRO C.B.A.	<u> </u>	1 (RTL)
	XQN2+B3FN	SCREW	2					<u> </u>	
					C101	E3C1A4760003	T CARACITOR CH 40V 47U	H	4
					C101 C102,03	F3G1A4760002 ECST0JY226	T.CAPACITOR CH 10V 47U T.CAPACITOR CH6.3V 22U	-	2
					C102,03	F1J0J106A014	T.CAPACITOR CH6.3V 10U	H	4
					C108,09	ECUX1H471KBV	C.CAPACITOR CH 50V 470P	t	2
■ E21	VEP04819A	REAR JACK C.B.A.	1	(RTL)	C112	F1H1H104A783	C.CAPACITOR CH 50V 0.1U		1
					C113	ECUX1C105ZFX	C.CAPACITOR CH 16V 1U	Ī	1
					C116,17	ECUX1H471KBV	C.CAPACITOR CH 50V 470P		2
J49012	VJJ0522	JACK		K2HC103B0082	C120	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U		1
J49013	VJJ0182	SYNC EDIT JACK	1	K2HB103B0015	C121	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P		1
					C122	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U		1
L49013,14	VLF1315A102	FILTER	2	J0JHC0000015	C123	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	-	1
D40011	K4K402400227	CONNECTOR (MALE)	1		C124	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	-	1
P49011 P49012	K1KA02A00237 K1MN16B00112	CONNECTOR (MALE) CONNECTOR	1		C125	F3G1C2260001	T.CAPACITOR CH 16V 22U		1
143012	KTIWINTOBOUTTZ	CONNECTOR	-		IC101	L2ES00000005	IC	H	1
R49011-16	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6		IC102	L2ES00000006	ic	H	1
			Ť		IC103	C0ABCA000042	IC	t	1
T49012	VLF1394	FILTER	1	J0MAB0000077	IC104	C0JBAS000065	IC	ĺ	1
					IC105	C0ABAA000046	IC		1
								L	
					L101	G1C100K00019	COIL 10UH	L	1
					L103,04	G1C100K00019	COIL 10UH	L	2
■ E00	VEDOCEOCA	DOMED SWIC B A		(DTL)	D104	V 100704 D040	CONNECTOR (FEMALE)	Ł	1 K4MN40R00024
■ E22	VEP06E96A	POWER SW C.B.A.	1	(RTL)	P101	VJS3791D010	CONNECTOR (FEMALE)	-	1 K1MN10B00021
					R101,02	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	H	2 D0GB103JA002
D502	MA142WA	DIODE	1		R103-06	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	H	4
-					R107	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	H	1
P501	K1MN10B00070	CONNECTOR	1		R110	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	t	1
P502	K1MN06B00013	CONNECTOR	1		R111,12	ERJ3GEYJ274	M.RESISTOR CH 1/16W 270K	İ	2
					R113,14	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		2
SW501	VMG0763	SWITCH	1		R115-18	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K		4
SW502	K0L1BA000015	SWITCH	1		R119,20	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		2
SW503	K0L1BA000037	SWITCH	1					1	
							MISCELLANEOUS	L	
		MISCELLANEOUS				VONS TITE	oopew.	L	
	VMD740 *	0.0.4.1101.050.43101.5	_		-	XQN2+B4FN	SCREW	1	1
	VMP7434	C.B.A. HOLDER ANGLE	2		-	VMP7352	GYRO ANGLE	Ł	1
	XQN2+B3FN	SCREW	- 2					1	+
								╁	+
					-			H	+
	l	l			L	l	l .	L	

				_		I _			
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.		Pc	
					L4103	VLF1315A102 VLF1315A102	FILTER	-1	J0JHC0000015 J0JHC0000015
					L4110	VLF1315A102	FILTER	_	1 J0JHC0000015
■ E26	VEP04816A	SIDE JACK C.B.A.	1	(RTL)	P4001	K1KA20A00048	CONNECTOR (MALE)	1	
	V2.1 0 10 10 1	OIDE OF OIL OIDS II	•	(1112)	P4002	VJS3791D010	CONNECTOR (FEMALE)	1	K1MN10B00021
							,		
C4451,52	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	2		Q4002	2SB1220-R	TRANSISTOR	1	
C44711	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1						
C44712	ECUX1A474KBV	C.CAPACITOR CH 10V 0.1U	1		QR4002	UNR521300L	TRANSISTOR	1	
					QR4004	UNR521300L	TRANSISTOR	1	
D4451		DIODE	1		QR4006	UNR521300L	TRANSISTOR	1	
D44711		DIODE	1	B3GA00000001	QR4008	UNR511300L	TRANSISTOR	1	
D44712	MA132WA	DIODE	1		QR4010	UNR521300L	TRANSISTOR	1	
J4401	K1FA104A0011	CONNECTOR	- 1		R4006	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	_	
J4451	K2HA303A0019	JACK	1		R4009,10	ERJ12YJ682	M.RESISTOR CH 1/2W 6.8K	- 2	
J4452		S TERMINAL JACK	1		R4015,16	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	2	
					R4019,20	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	- 2	
L4402,03	J0MAB0000110	FILTER	2		R4021	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	1
L4452,53	VLF1315A102	FILTER	2	J0JHC0000015	R4022	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
					R4024	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
P4401	K1MN22B00034	CONNECTOR	_ 1		R4030	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	_ 1	I
					R4031,32	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	2
Q44711	2SD10300SL	TRANSISTOR	1		R4040	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
Q44712	2SD1819A-R	TRANSISTOR	1		R4044,45	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
					R4048,49	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	2
R4451-54		M.RESISTOR CH 1/16W 0	4		R4051	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4460,61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2		R4053	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4463	ERJ3GEYG102 ERJ3GEY0R00	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 0	1		R4055	ERJ3RBD473	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 22K	1	
R4464 R44711	ERJ3GEY0R00 ERJ6GEYJ225	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/10W 2.2M	1	D0GD225JA003	R4057 R4060	ERJ3RBD223 ERJ3GEYJ563	M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 56K	1	
R44711	ERJ3GEYJ106	M.RESISTOR CH 1/16W 2.2M	1		R4060	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R44712		M.RESISTOR CH 1/16W 330K	1		R4062	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R44714	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1		R4066	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R44715	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1						
					SW4001	K0D142A00023	SWITCH	1	1
TH4401	D4CC11030012	THERMISTOR	1						
						\/FB0 :	EVELVIO OUV. C. E. :		(DTI)
■ 507	VED040454	EVT MIC CH2 C D A		(DTI)	■ E28	VEP04825A	EXT MIC CH1 C.B.A.	1	(RTL)
■ E27	VEP04815A	EXT MIC CH2 C.B.A.	1	(RTL)				-	
					C4001,02	FCUX1H471 ICV	C.CAPACITOR CH 50V 470P	2	
C4003,04	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2		C4001,02		C.CAPACITOR CH 50V 4/0P	1	
C4005,04 C4006		C.CAPACITOR CH 50V 0.1U	1		C4003	ECA1HEN4R7	E.CAPACITOR 50V 4.7U	2	
C4009,10	ECA1HEN4R7	E.CAPACITOR 50V 4.7U	2		C4011	EEVHB1A330	E.CAPACITOR 10V 33U	1	
		C.CAPACITOR CH 25V 0.1U	1		C4012	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	ı
C4016,17	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2		C4014,15	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	- 2	2
C4019	EEVHB1A330	E.CAPACITOR 10V 33U	_ 1		C4018	EEVHB1A330	E.CAPACITOR 10V 33U	1	
C4020		C.CAPACITOR CH 25V 0.1U	1		C4021	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4022		C.CAPACITOR CH 50V 33P	1		C4023	EEVHB1C220	E.CAPACITOR 16V 22U	1	<u> </u>
C4026		E.CAPACITOR 10V 33U	1		C4024	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
		C.CAPACITOR CH 25V 0.1U	1		C4025	EEVHB1A330	E.CAPACITOR 10V 33U	1	
		E.CAPACITOR 16V 22U	1		C4027,28	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4032 C4034		C.CAPACITOR CH 25V 0.1U E.CAPACITOR 10V 33U	1		C4029 C4033	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C4034 C4035		C.CAPACITOR 10V 33U C.CAPACITOR CH 25V 0.1U	1		C4033 C4037	EEVHB1A330 EEVHB1H3R3	E.CAPACITOR 10V 33U E.CAPACITOR 50V 3.3U	1	
C4035 C4036	EEVHB1C220	E.CAPACITOR CH 25V 0.10	1		C4037 C4038	ECUX1E104ZFV	C.CAPACITOR 50V 3.3U C.CAPACITOR CH 25V 0.1U	1	
		C.CAPACITOR 16V 22U C.CAPACITOR CH 50V 0.01U	1		C4038 C4108	ECUX1E104ZFV ECUX1H103ZFV	C.CAPACITOR CH 25V 0.10	1	
			Ė					Ħ.	
D4001	MA142WK	DIODE	1		D4004,05	MA3J14300L	DIODE	2	2
D4002,03		DIODE	2		D4006	MA142K	DIODE	1	
D4007	MA142K	DIODE	1						
					IC4003	AN77L09M	IC	_1	
IC4001		IC	1		IC4004	NJM2122M	IC	1	
IC4002		IC	1	C0ABBA000042	IC4005	TA75W558FU	IC	1	C0ABBA000042
IC4007		IC	1		IC4006	TC7W53F	IC	1	1
IC4008	AN77L09M	IC	1		L.				
1446:	W. A. D. 400	CONNECTOR (MA: T)			J4102	K1AB103A0007	CONNECTOR (MALE)	1	1
J4101	K1AB103A0007	CONNECTOR (MALE)	1		1 4000 - :	VII 00400 1:	0011 101111	-	040400 10000
1,4004.00	VI 00400 I400	COIL	-	C1C100 100004	L4003,04	VLQ0163J100	COIL 10UH	_	2 G1C100J00001
		COIL 10UH	2	G1C100J00001	L4105	VLF1315A102	FILTER	_	JOJHC0000015
L4101	VLF1315A102	FILTER	1	J0JHC0000015	L4107,08	VLF1315A102	FILTER	Ľ	2 J0JHC0000015
								-	1
						I	<u> </u>	Ц_	1

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Рс	s Remarks
		·	. 00		IXGI.INO.	i aitino.	r art reame & Description		- Itemans
	VJS3791D010 2SB1220-R	CONNECTOR (FEMALE) TRANSISTOR	1	K1MN10B00021	C2,C3	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	:	2
	2SB1220-R 2SD1819A0L	TRANSISTOR	1		D1	NSD03A20	DIODE	١.	1 B0ECMM000002
	2SD1819A0L 2SD1824	TRANSISTOR	1		- 51	.100000020	5.500	H	. DOZOWINIOOOOOZ
	UNR521300L	TRANSISTOR	1		⚠ IP1	K5H312300003	FUSE	ŀ	1
	UNR521300L	TRANSISTOR	1		L2	J0MAB0000060	FILTER	ļ.	1
QR4005	UNR521300L	TRANSISTOR	1					1	
QR4007	UNR511300L	TRANSISTOR	1		P1	K1KA03B00102	CONNECTOR (MALE)		1
QR4009	UNR521300L	TRANSISTOR	1						
R4001	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1						
R4007,08	ERJ12YJ682	M.RESISTOR CH 1/2W 6.8K	2						
	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	2					ļ	
l	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1		■ E32	VEP26257A	MONITOR C.B.A.	Ľ	. ()
	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1			VEP06E29A	HALL SENSOR FLEX CARD CBA	Ľ	1 (RTL)FOR VEP26257A
	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	2						
l	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002	0004	50 10504440414	0.045401705.0114014.0414	H	
l	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1		C901	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	<u> </u>	
l	ERJ3GEYJ104 ERJ3GEYJ103	M.RESISTOR CH 1/16W 100K M.RESISTOR CH 1/16W 10K	1	D0GB103JA002	C902 C903	F3F0G476A009 F3F0J226A007	T.CAPACITOR CH 4V 47U T.CAPACITOR CH6.3V 22U	Ľ	
	ERJ3GEYJ103 ERJ3GEYJ333	M.RESISTOR CH 1/16W 10K	1	55551000N00Z	C903 C905,06	ECJ4YB1C106V	C.CAPACITOR CH6.3V 22U		
	ERJ3GEYJ473	M.RESISTOR CH 1/16W 33K M.RESISTOR CH 1/16W 47K	1		C905,06	F3F0J335A008	T.CAPACITOR CH 16V 100	-	
l	ERJ3RBD221	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 220	1		C908,09	ECJ0WB1C103K			
	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2		C900,09	F1H0J474A002	T.CAPACITOR CH6.3V 0.47U	-	
l	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2		C914	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	١.	
1	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1		C915	ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U	Η.	1
l	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1		C916-19	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	-	4
	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1		C923	ECJ1VC1H471G	C.CAPACITOR CH 50V 470P	١.	
1	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1		C925	ECST1AY106Z	T.CAPACITOR CH 10V 10U	١.	1
	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1		C930	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	١.	1
1	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1		C931	ECJ0EC1H330J	C.CAPACITOR CH 50V 33P	١.	1
l	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1		C932	ECJ0EC1H221J	C.CAPACITOR CH 50V 220P	ļ.	1
R4064	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1		C933	ECJ2YB1C474K	C.CAPACITOR CH 16V 0.47U		1
R4067	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1		C934	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U		1
					C935	ECJ0EB1C682K	C.CAPACITOR CH 16V 6800P		1
SW4002	K0D142A00023	SWITCH	_1		C936,37	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	:	2
			L		C938	ECJ0EC1H101J	C.CAPACITOR CH 50V 100P	L.	1
		-			C939	ECJ1VC1H331G	C.CAPACITOR CH 50V 330P	Ľ	1
					C940	ECJ0EC1H560J	C.CAPACITOR CH 50V 56P		
					C941	F1G1H100A448	C.CAPACITOR CH 50V 10P	ļ .	•
					C942	ECJ2YB1A105K	C.CAPACITOR CH 10V 1U		
■ E29	VEP06E89A	MODE SW C.B.A.	1	(RTL)	C943,44	ECJ1VB1A224K	T.CAPACITOR CH 10V 0.22U	1	
			_		C945	ECJ0EB1E332K	C.CAPACITOR CH 25V 3300P	L.	
DAE	MAA 4 40 W/A	DIODE	Η,		C946	ECJ4YB1C106V	C.CAPACITOR CH 16V 10U	<u> </u>	
	MA142WA	DIODE	1 5		C947,48 C949	ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.01U	:	
	MA142K B3AAB0000037	DIODE	1		C949 C950	ECJ0WB1C103K F1J1C105A091	C.CAPACITOR CH 16V 0.01U	ļ .	
l	B3ABB0000086	LED	-		C950	ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U	١.	
	MA142K	DIODE	1						
P152	V IS3701P043	CONNECTOR (EEMALE)	-		D901	MA338 MA6Z12100L	DIODE	H	1
F152	VJS3791B013	CONNECTOR (FEMALE)	1		D902 D903	MA6Z12100L MA3S132D0L	DIODE	ļ .	1
R154	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1		D903	MA4X159A0L	DIODE	Η.	
	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1		D904 D905,06	B0JCEE000002	DIODE		
		22.2.2 3.1. 17.377 270	H		D903,00	MA2J11100L	DIODE	H	
SW151	K0G119A00024	SWITCH	1		D908	MAZ80270LL	DIODE	١.	
	K0H1BA000251	SWITCH	2		D909	MA8043-M	DIODE	١.	
					D910	B0BC6R100014	DIODE	ļ .	
			\vdash		FP901	K1MN24B00068	CONNECTOR	١.	1
			\vdash		FP901 FP903	K1MN24B00068 K1MN25B00035	CONNECTOR	Η.	
			\vdash		1.1503	A HVIIVZODUUU35	SOIVINEGIOR	H	<u> </u>
■ E30	VEP01923A	DC IN C.B.A.	1	(RTL)	IC901	C0HBA0000071	IC	Η.	1
	0.0200		H.	v···-/	IC901	C0JBAB000350	IC	١.	1
					IC904	C0JBAB000391	IC	t.	1
J31	VJS3381	CONNECTOR (FEMALE)	1	K2EC2B000001	IC905	SN74LV04APW	IC	۲.	1 C0JBAB000247
		, -,	Ė		IC991	DN8797MSC	IC	t.	1
			L		L901-04	VLQ0807K100	COIL 10UH	Ľ	4 G1C100K00024
					L905	G1C100MA0031	COIL 100UH	L.	1
					L907	VLQ0426J3R3	COIL 3.3UH	Ľ	1 G1C3R3J00009
■ E31	VEP01915A	BATTERY C.B.A.	1	(RTL)		1			
						1		<u> </u>	
1						1			

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q901	B1ADCF000059	TRANSISTOR	1		W901	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
Q902	B1CFNG000001	TRANSISTOR	1		W902	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
Q903	XP0460100L	TRANSISTOR	1						
Q904	XP1501	TRANSISTOR-RESISTOR	1						
Q905	B1ACGD000006	TRANSISTOR	1						
Q906-08	XP0460100L	TRANSISTOR	3						
QR901,02	B1GBCFNA0014	TRANSISTOR	2						
QR903	B1GBCFJN0017	TRANSISTOR	1						
QR904	UNR9214J0L	TRANSISTOR	1						
QITOOT	014113214002	TOUTOR	Ė						
R901-03	ERJ2GEJ821	M.RESISTOR CH 1/16W 820	3						
	ļ		_						
R904	ERJ2RHD333	M.RESISTOR CH 1/16W 33K	1						
R905	ERJ2RHD153	M.RESISTOR CH 1/16W 15K	1						
R906	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1						
R907-09	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	3						
R910,11	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	2						
R912-14	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	3						
R918	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1						
R919	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1						
R920	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1						
R921	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1						
R922	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	1			1			
R923	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1						
R924	ERJ2GEJ103	M.RESISTOR CH 1/16W 1K	1					-	
		M.RESISTOR CH 1/16W 100K	1		 	1		 	
R925	ERJ2RHD104							-	
R926	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1		-			<u> </u>	
R927	ERJ2GEJ124	M.RESISTOR CH 1/16W 120K	1			1		<u> </u>	
R928	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1						
R929	ERJ2RHD273	M.RESISTOR CH 1/16W 27K	1						
R930,31	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2						
R932	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1						
R933	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1						
R934	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1						
R935	ERJ2RHD273	M.RESISTOR CH 1/16W 27K	1						
R936	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1						
R937	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	1						
R938	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1						
R940	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	1						
R941-43	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	3						
R944	ERJ2GEJ394	M.RESISTOR CH 1/16W 390K	1						
	ERJ2RHD273		1						
R945		M.RESISTOR CH 1/16W 27K							
R946	ERJ2RHD823	M.RESISTOR CH 1/16W 82K	1						
R947	ERJ2RHD393	M.RESISTOR CH 1/16W 39K	1						
R951	ERJ2GEJ560	M.RESISTOR CH 1/16W 56	1						
R952	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1						
R953	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1						
R954	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1						
R955	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1			1			
R956	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1						
R957	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1					l	
R958	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	1			1			
R959	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	1						
R960	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1						
R961	ERJ2GEJ223 ERJ2GEJ153	M.RESISTOR CH 1/16W 22K	1						
			1		 			-	
R962	ERJ2GEJ561	M.RESISTOR CH 1/16W 560	1		-			<u> </u>	
R963	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1			1		<u> </u>	
R964	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1						
R965,66	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	2						
R967	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1						
R968,69	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	2						
R970	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	1					L	
R971	ERJ3GEYJ335	M.RESISTOR CH 1/16W 3.3M	1			1			
R972	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	1						
R973,74	ERJ8GEYJ335	M.RESISTOR CH 1/8W 3.3M	2					Ī	
R975	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1					<u> </u>	
R976	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1					H	
R977	ERJ3RBD681 ERJ3RED220	M.RESISTOR CH 1/16W 680 M.RESISTOR CH 1/16W 22	1					-	
			-						
R978	ERJ6GEYJ335	M.RESISTOR CH 1/10W 3.3M	1						
R979	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1					<u> </u>	
R985,86	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	2					<u> </u>	
T901	ETJ09K44AZ	TRANSFORMER	1					L	
T902	EFTU21R203	TRANSFORMER	1					L	
-	1					1			
					1	.	 	_	t